

*children's
bureau
statistical
series*

50

PERINATAL, INFANT,
CHILDHOOD, and
MATERNAL MORTALITY



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PERINATAL
INFANT
CHILDHOOD
and MATERNAL MORTALITY, 1955

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EXPLANATORY NOTE

This report assembles for easy reference and presents in graphic form data on births, and on deaths among infants, children, and mothers, contained in several publications of the National Office of Vital Statistics.

The latest year for which detailed statistics are available and are included in this publication, is 1955. For the United States as a whole the birth rate, since 1950 has shown minor fluctuations around 25.0 per 1,000 population, reaching 25.3* in 1957. The infant mortality rate continued to decline in 1956 but rose slightly for the first time in over two decades to 26.4* per 1,000 live births in 1957. Maternal mortality in 1957 continued its steady decline to 3.9* deaths per 10,000 live births.

Changes in these vital indices reflect national trends in conservation of maternal and child life. Trends in births and deaths of infants, older children, and mothers are shown in charts showing successive annual rates over a period of years. (Charts 1, 2, 4, 7, 12, and 15). Mortality trends are plotted to a semilogarithmic scale to visualize relative change in rate. (Charts 4, 7, 12, and 15). On these charts, equal slope between different years, or in different curves, represents equal percentage change in rate.

States and localities may wish to compare their own record with the national experience. To this end, births, and infant, childhood, and maternal deaths to residents, are given for each State, Alaska, Hawaii, Puerto Rico, and Virgin Islands in tables 3, 4, 7, 8, 12, and 15. All statistics for the total United States in this report are inclusive of the continental United States except Alaska (48 States and the District of Columbia).

Important causes of infant, childhood, and maternal mortality in 1955 and a decade earlier are set forth in charts 8, 13, and 16. The available information regarding cause of death represents the opinion of the physician completing the death certificate, as to underlying cause to

*Provisional

which the death was due. The cause of death so determined is classified according to the groupings of the "Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death," Sixth Revision of the International Lists of Diseases and Causes of Death, 1948, World Health Organization. The International List Number for each of the groupings of causes of death shown in the charts will be found in the table corresponding to the chart in question.

Many of the charts present data for "white" and "non-white" mothers and infants separately. The category "white" includes persons reported as "white" as well as Mexican and Puerto Rican. The category "nonwhite" consists of persons reported as Negro, American Indian, Chinese, Japanese, other small "nonwhite" groups and persons of mixed "white" and "nonwhite" groups.

All data on which these charts and tables are based were furnished by the National Office of Vital Statistics, Public Health Service. The data are for the latest year in which final figures are available for all categories of information covered in this graphic presentation.

SYMBOLS

Class or item not applicable (3 dots)-----	...
Data not available (3 dashes)-----	---
Quantity is zero, in frequency tables (1 dash)-----	-
Quantity is zero, in rate or percent tables (1 cipher)-	0
If rate or percent is more than 0, but less than 0.05--	0.0

CHART 1

BIRTH RATE, UNITED STATES, 1909-55

Data corrected for incomplete registration of live births

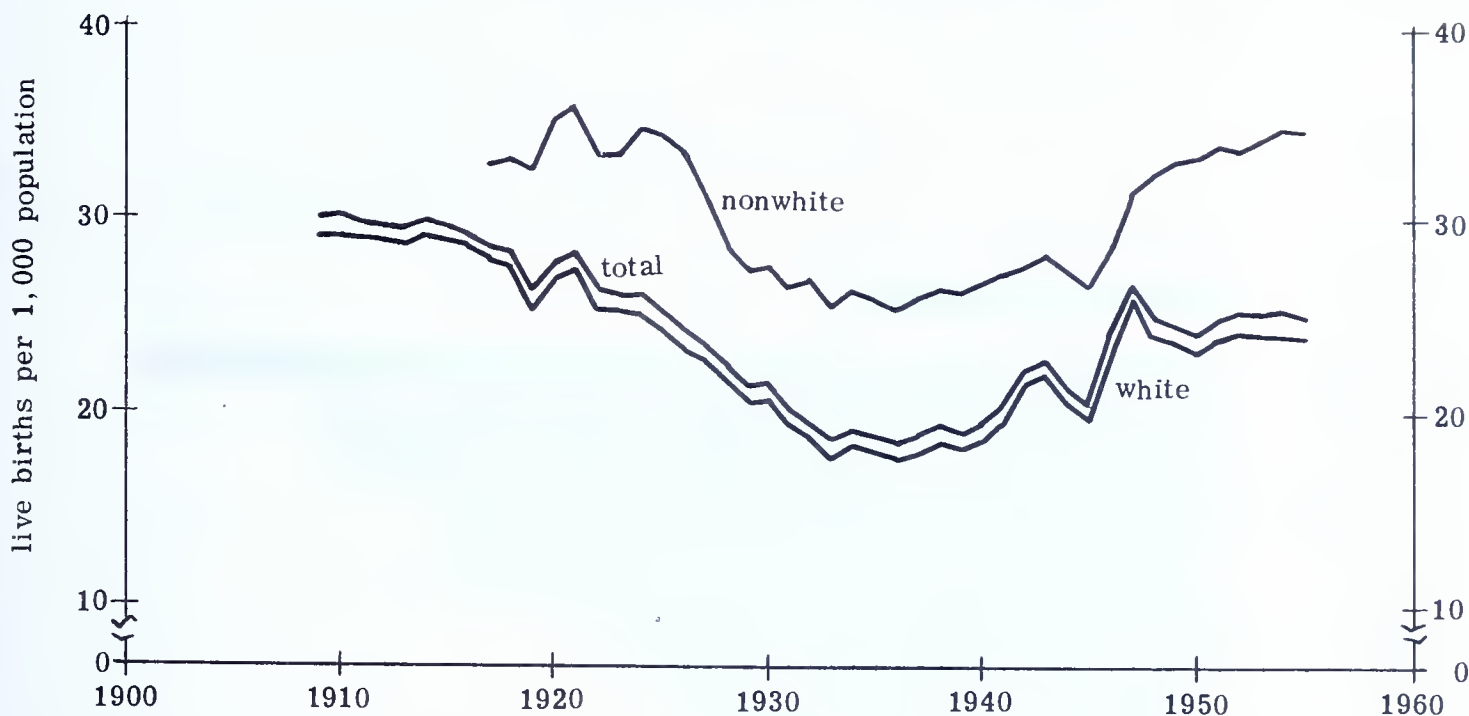


CHART 2

LIVE BIRTHS BY ATTENDANT, UNITED STATES, 1935-55

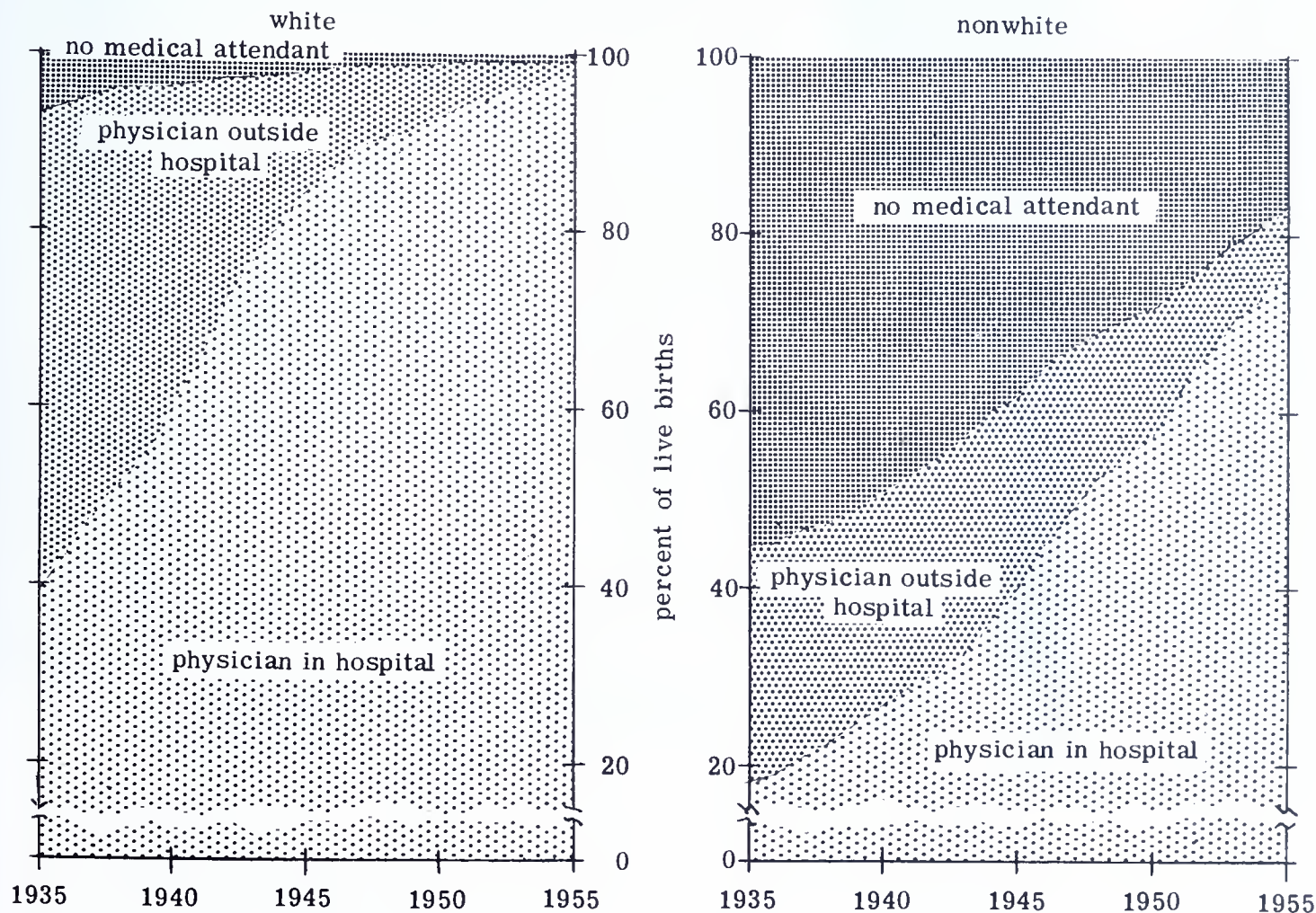


CHART 3

**LIVE BIRTHS TO NONWHITE MOTHERS UNATTENDED BY A PHYSICIAN, 1955
AS A PERCENT OF LIVE BIRTHS TO NONWHITE MOTHERS**

States having 1% or more. By place of residence.

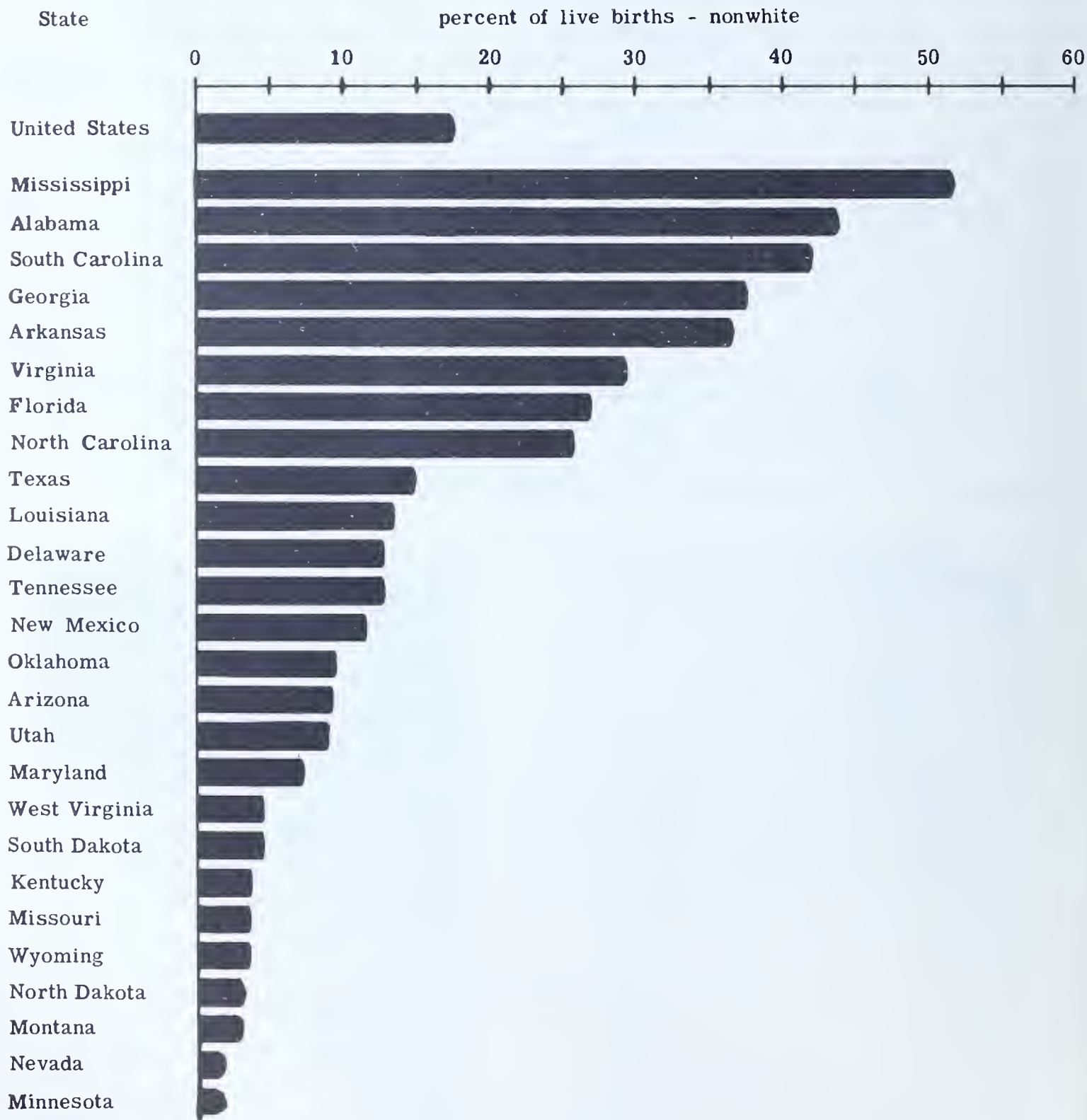
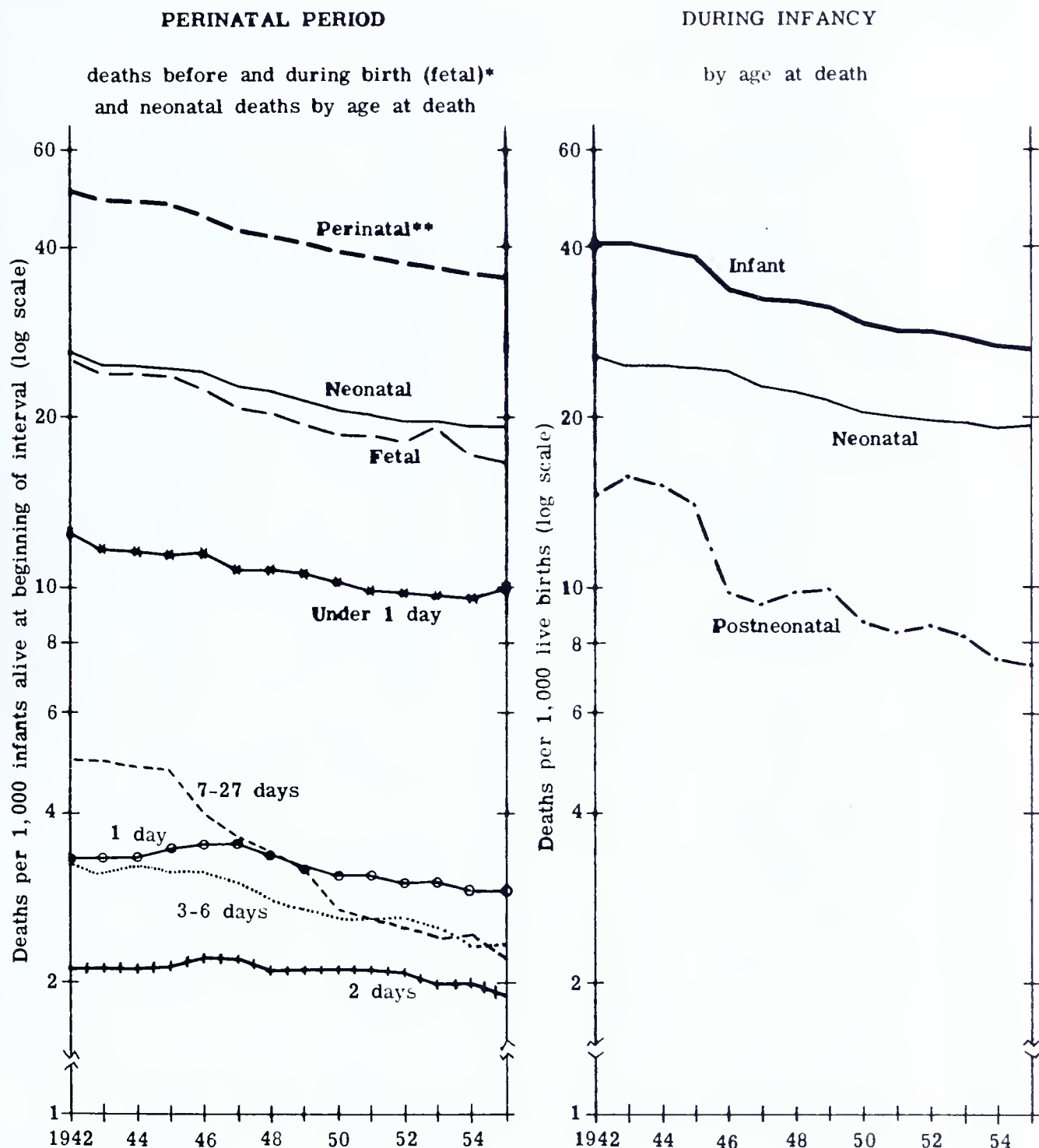


CHART 4 MORTALITY OF INFANTS BEFORE, DURING, AND AFTER BIRTH
UNITED STATES, 1942-55



*In pregnancies of 20 or more weeks or duration unreported.

**To the end of the neonatal period.

Chart 5. PERINATAL MORTALITY RATE TO THE END OF THE FIRST MONTH OF POSTNATAL LIFE

1955

Rate is the number of fetal and neonatal deaths per 1,000 births (live and still)

Idaho	27.9
Utah	28.3
Iowa	28.8
Wash.	30.4
Conn.	30.6
Minn.	30.6
Mass.	30.8
Mont.	30.9
Wis.	31.2
Calif.	31.6
Nebr.	32.0
T. H.	32.1
Kans.	32.3
N. Dak.	32.6
Ill.	32.7
Wyo.	33.3
R. I.	33.4
Ind.	33.5
Oreg.	33.7
S. Dak.	33.9
Mich.	34.0
Ark.	34.2
Del.	34.2
Okla.	34.4
Mo.	34.5
N. J.	34.6
Ohio	34.6
Ky.	35.3
Maine	35.6
Tex.	35.7
Ariz.	35.9
W. Va.	36.0
Alaska	36.1
Md.	36.3
N. H.	36.5
Pa.	36.7
Tenn.	36.9
Vt.	37.4
Nev.	38.6
N. Y.	38.6
Fla.	39.0
N. C.	39.2
N. Mex.	39.9
Va.	40.2
La.	40.4
S. C.	41.2
Colo.	41.4
Ga.	42.1
Ala.	43.4
D. C.	45.5
Miss.	50.1
V. I.	60.0
P. R.	62.0
U. S.	35.6

CHART 6

PERINATAL MORTALITY RATE TO THE END OF THE FIRST MONTH OF POSTNATAL LIFE, BY COLOR, 1955 AREAS WITH 500 OR MORE BIRTHS TO NONWHITE MOTHERS

Rate is the number of fetal and neonatal deaths per 1,000 births (live and still)

WHITE		NONWHITE	
34.6	T. H.	31.3	
30.6	Mont.	35.8	
36.0	W. Va.	36.1	
30.5	Minn.	36.9	
30.6	Calif.	40.6	
41.6	Colo.	41.5	
34.1	Alaska	41.6	
38.0	Nev.	43.1	
33.1	R. I.	44.6	
29.7	Wash.	44.9	
29.0	Ark.	45.9	
30.4	Ill.	46.7	
39.2	N. Mex.	47.0	
33.8	Ariz.	47.5	
30.3	Mass.	48.4	
28.6	Iowa	50.0	
32.0	Mich.	50.0	
30.5	Wis.	50.6	
33.1	Tenn.	50.8	
33.2	Oreg.	51.1	
33.0	Tex.	51.5	
33.8	Ky.	52.3	
32.0	Ind.	52.4	
31.2	Kans.	52.6	
29.4	Conn.	52.7	
36.3	D. C.	53.1	
31.5	Md.	53.4	
30.2	Del.	53.7	
31.0	S. C.	53.8	
31.1	La.	54.3	
32.5	Ohio	54.4	
32.0	N. J.	54.8	
31.2	N. C.	55.1	
32.6	Fla.	55.2	
31.4	Okla.	55.7	
31.5	Mo.	56.2	
34.7	Ala.	56.9	
34.3	Va.	57.1	
33.1	Ga.	57.8	
32.6	S. Dak.	58.8	
34.3	Pa.	59.9	
36.7	Miss.	60.2	
30.9	Nebr.	62.8	
35.2	N. Y.	67.2	
32.4	U. S.	54.1	

CHART 7

INFANT MORTALITY BY AGE, 1916-55
(U. S. Birth Registration Area)

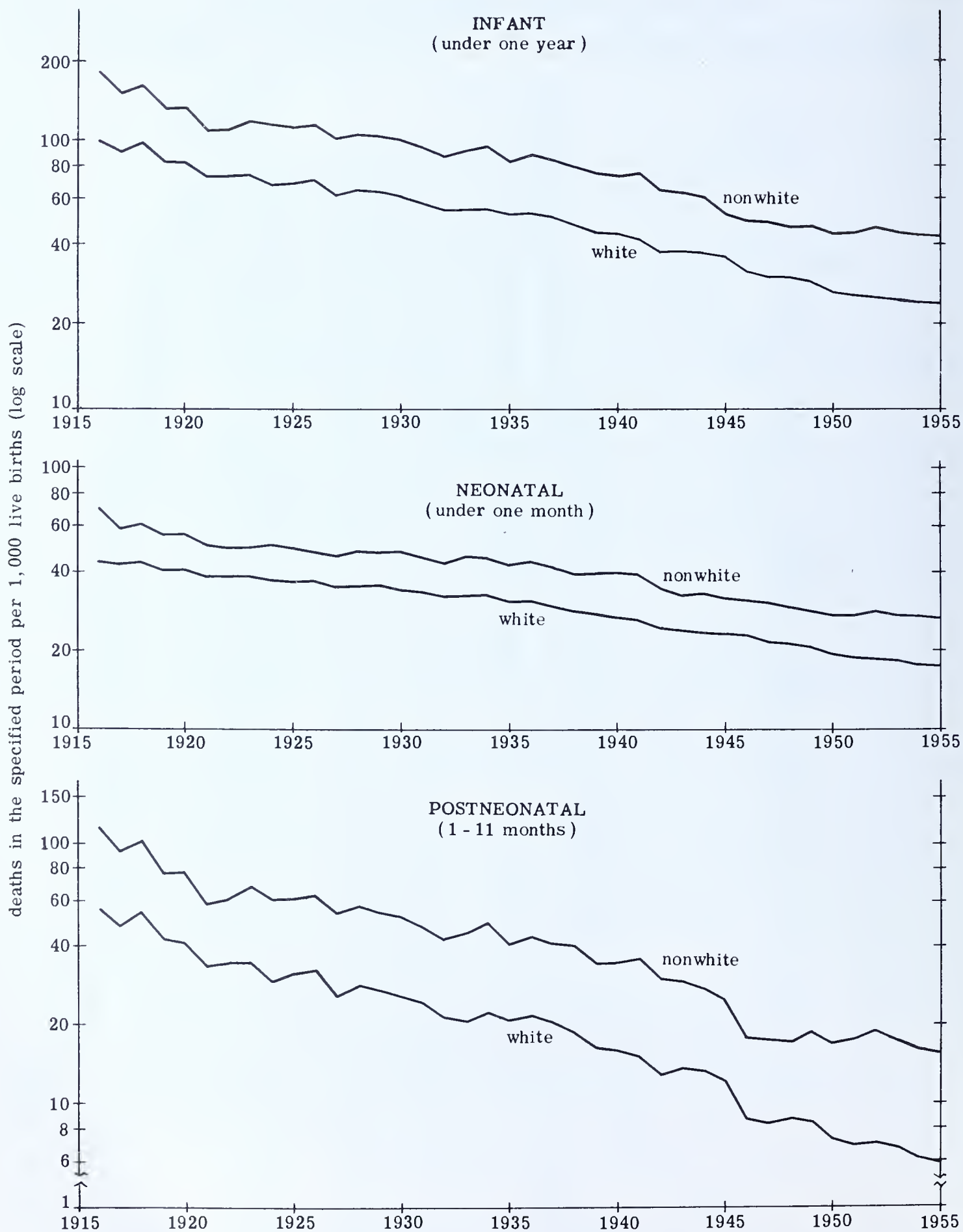


CHART 8

INFANT MORTALITY

Main Causes by Sixth Revision of the International Lists

United States, 1945 and 1955

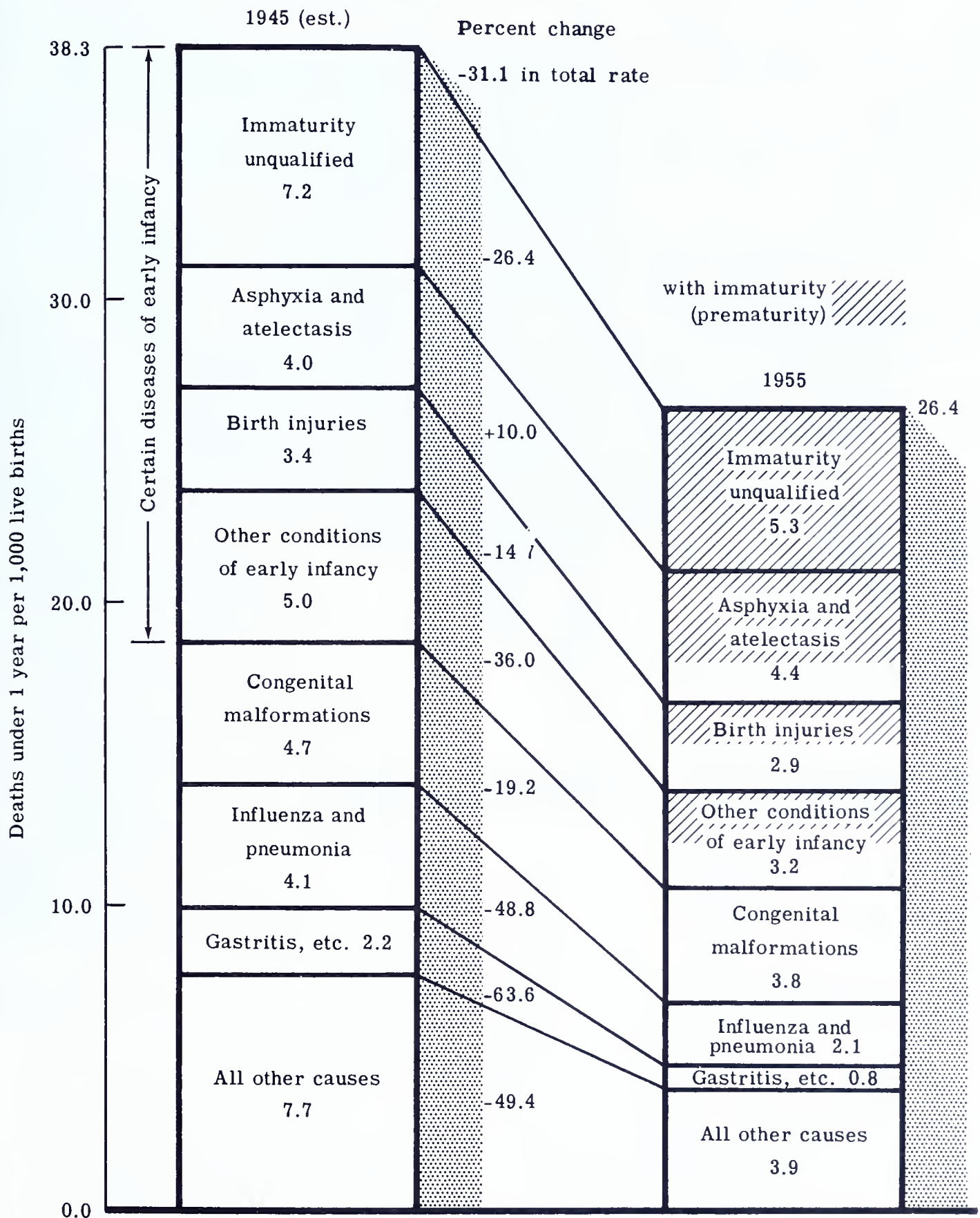
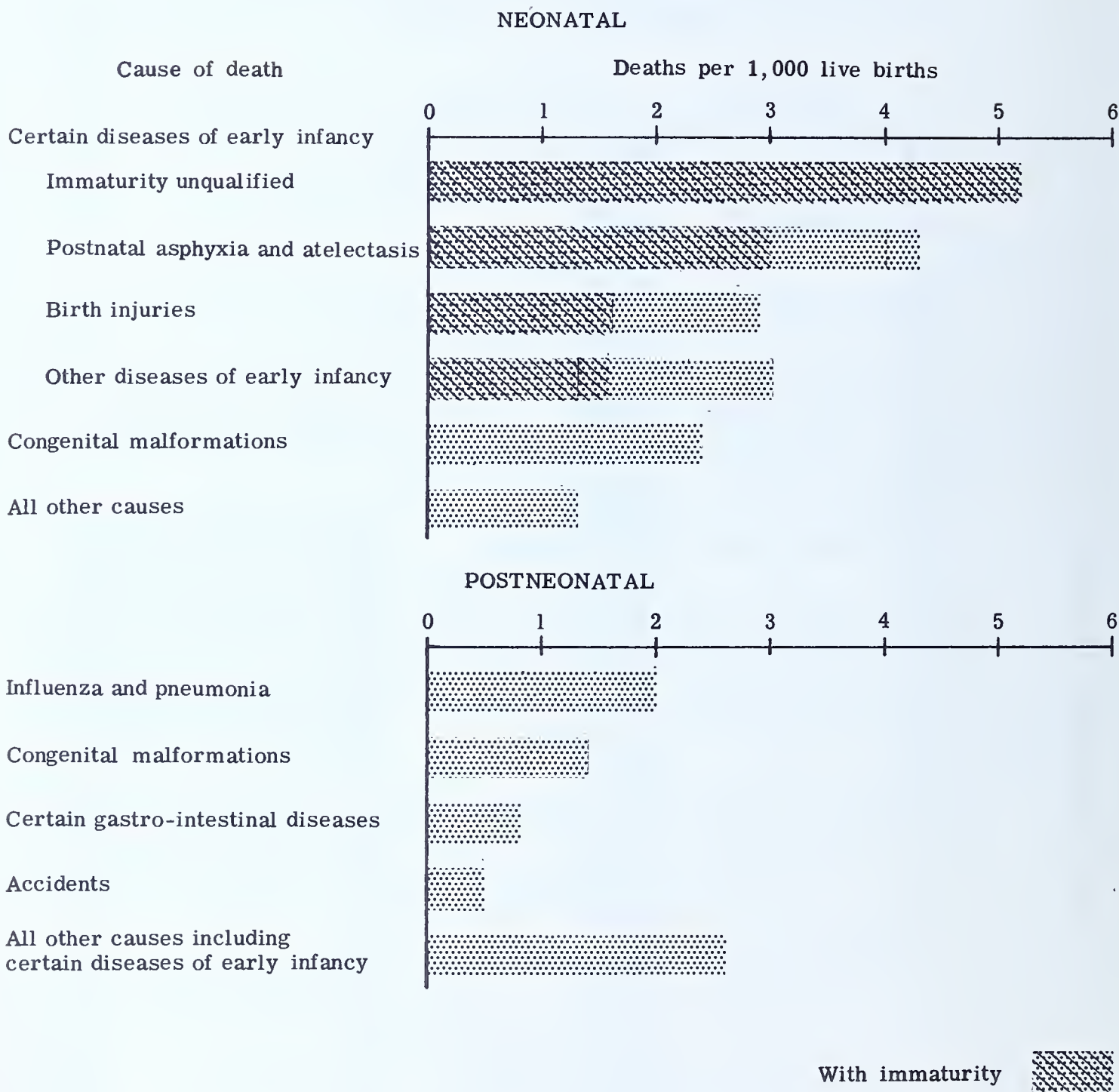
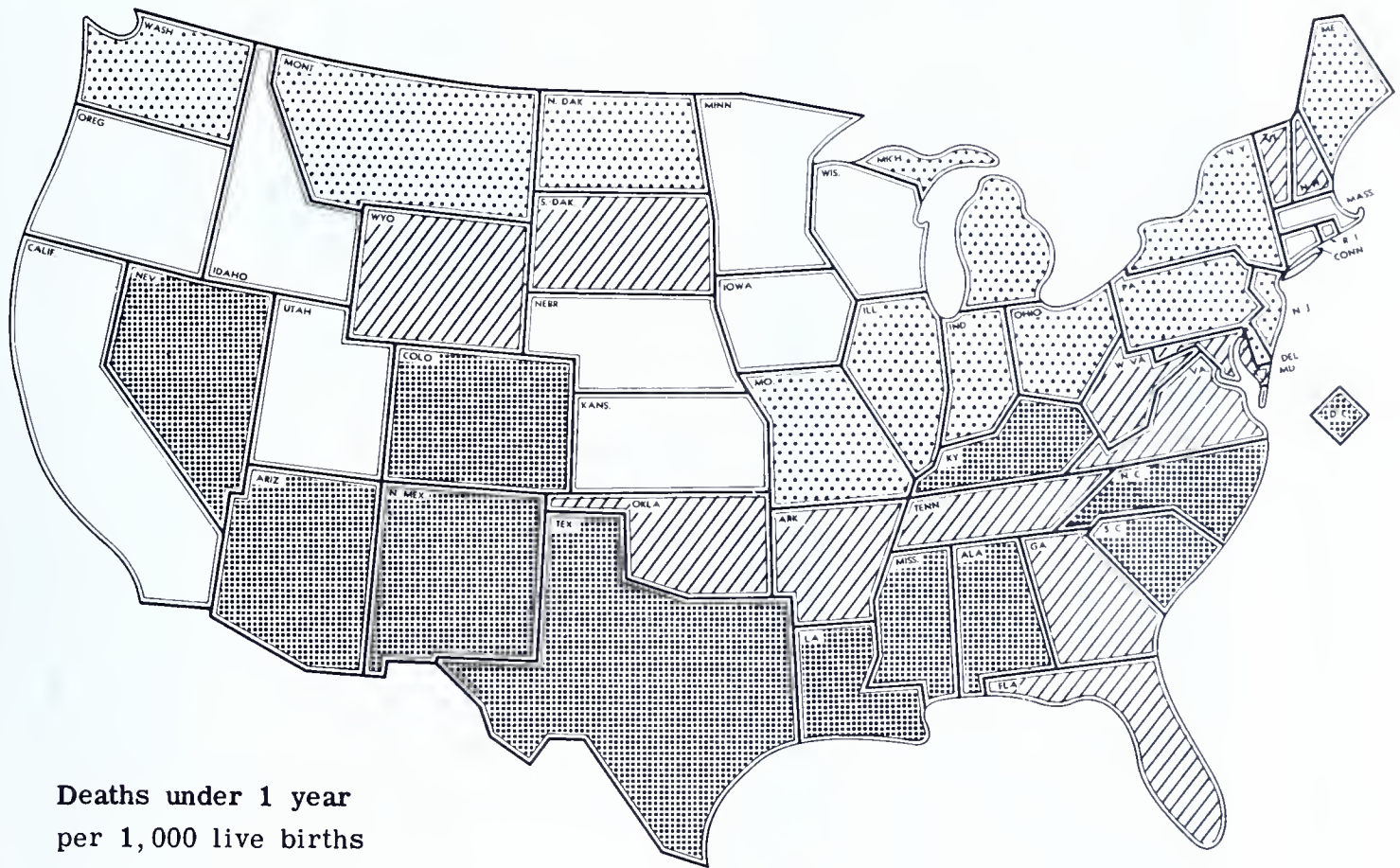


CHART 9

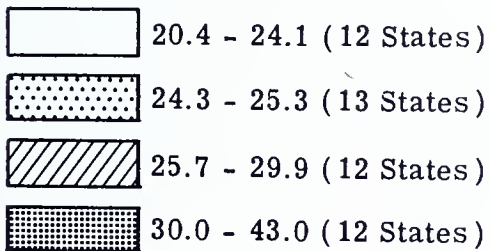
MAIN CAUSES OF INFANT MORTALITY, BY AGE

UNITED STATES, 1955





Deaths under 1 year
per 1,000 live births
(by place of residence)



U. S. average 26.4

U. S. median 25.3

Utah	20.4
T.H.	20.6
Idaho	20.8
Conn.	21.7
Minn.	21.8
Mass.	21.9
Iowa	22.1
Kans.	23.3
R. I.	23.4
Calif.	23.6
Wis.	23.7
Nebr.	23.7
Oreg.	24.1
N. Y.	24.3
N. J.	24.3
Wash.	24.5
Pa.	24.6
Maine	24.7
Ill.	24.8
Ohio	24.8
Mich.	24.9
Del.	25.0
Ind.	25.0
Mont.	25.0
N. Dak.	25.1
Mo.	25.3
N. H.	25.7
S. Dak.	26.1
Vt.	26.1
Okla.	26.7
W. Va.	27.3
Md.	27.6
Ark.	27.7
Wyo.	28.5
Tenn.	29.2
Va.	29.5
Fla.	29.7
Ga.	29.9
Nev.	30.0
Colo.	30.3
N. C.	30.3
Tex.	30.3
Ky.	30.4
La.	31.6
Ala.	32.0
D. C.	32.2
S. C.	34.1
Ariz.	34.8
Miss.	37.0
Alaska	37.4
N. Mex.	43.0
V. I.	44.9
P. R.	
U. S.	26.4

INFANT

MORTALITY,

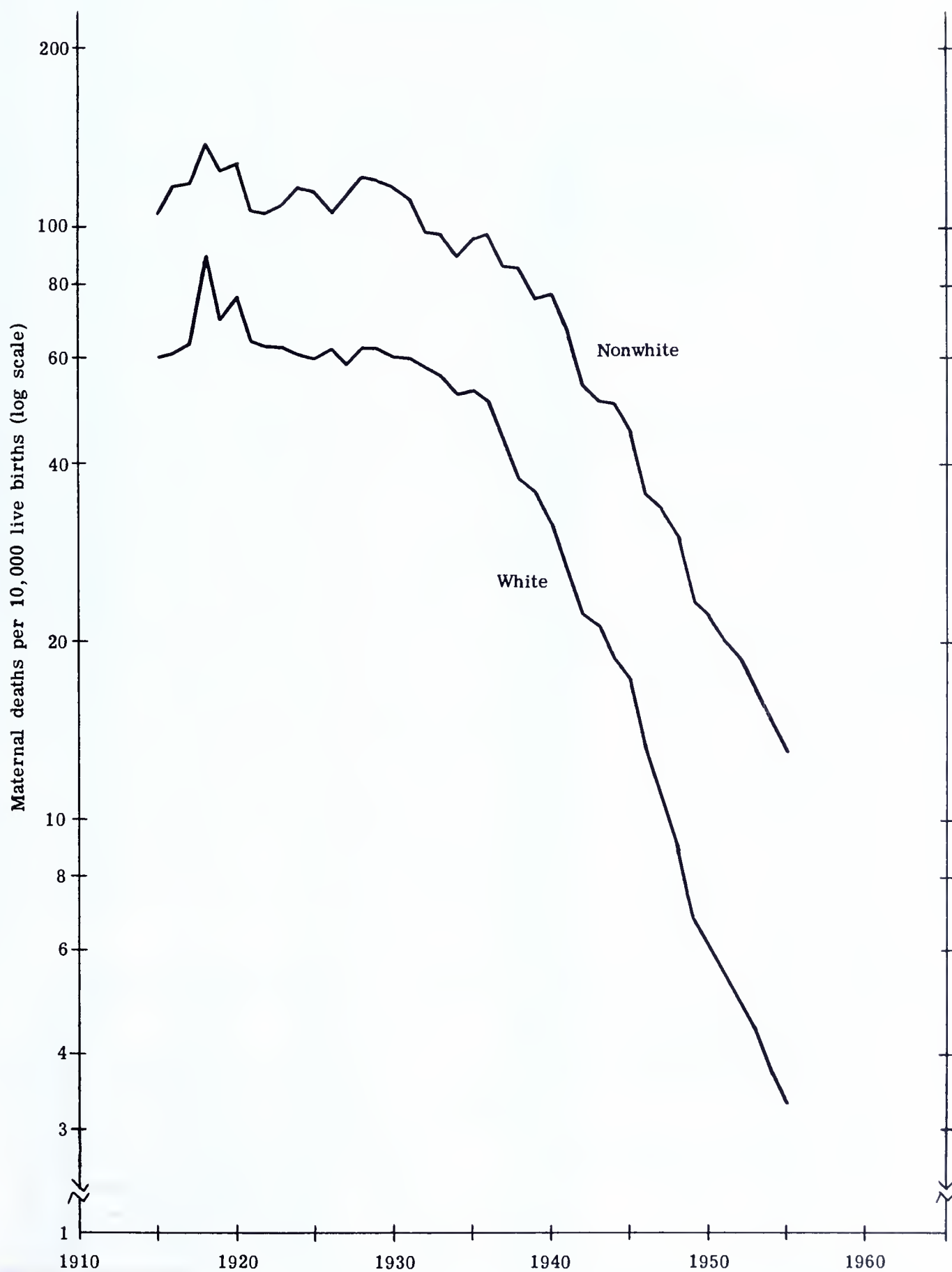
1955

(Deaths under
1 year per 1,000
live births)

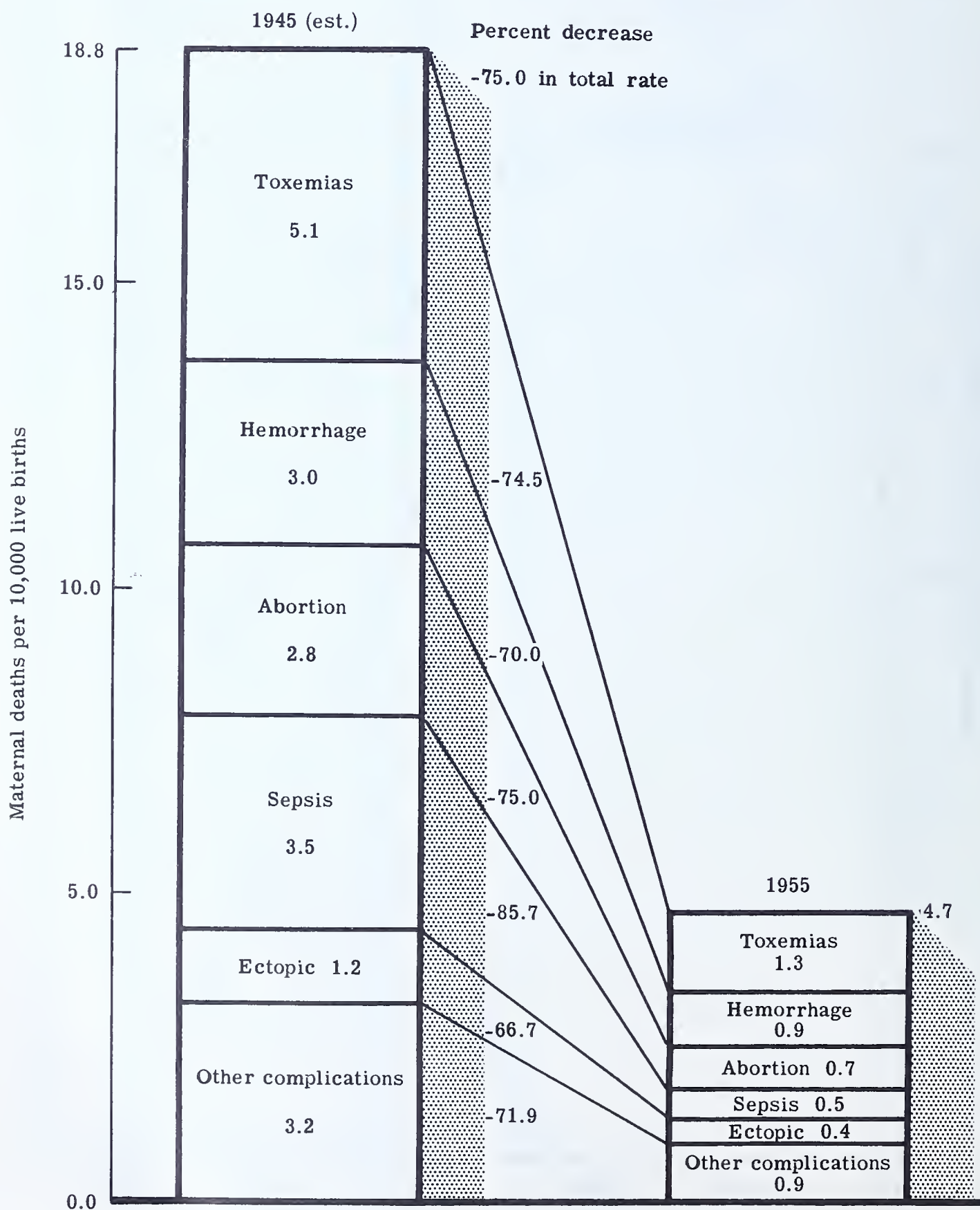
55.8

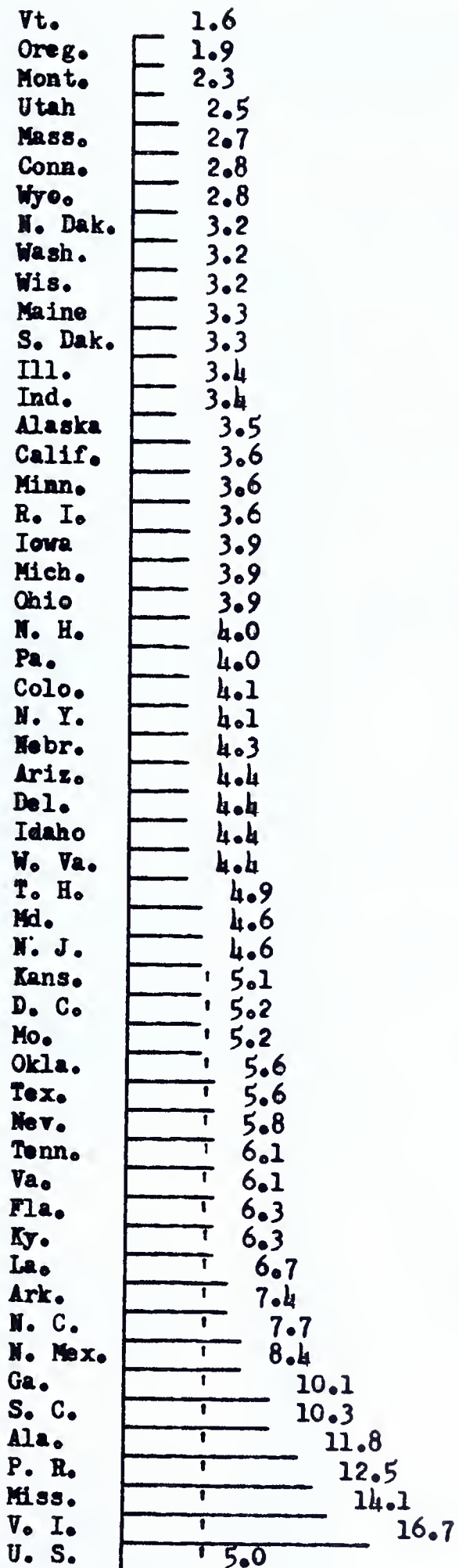
CHART 12

MATERNAL MORTALITY, 1915-55
UNITED STATES BIRTH REGISTRATION AREA



Main Causes by Sixth Revision of the International Lists
United States, 1945 and 1955



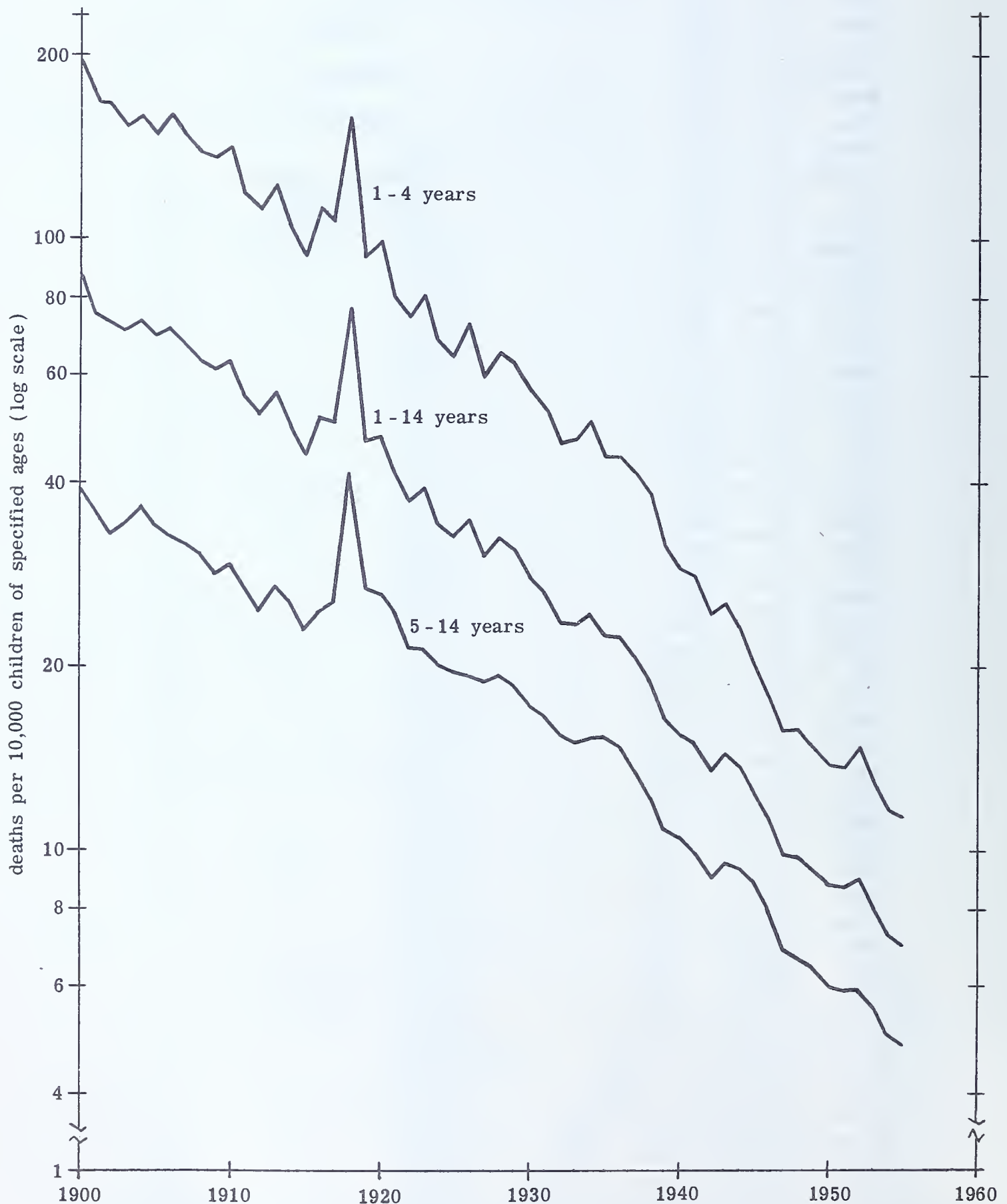


MATERNAL
MORTALITY
1954-55
(Maternal deaths
per 10,000
live births)

CHART 15

CHILDHOOD MORTALITY, BY AGE, 1900 - 55

United States Death Registration Area



Main Causes by Sixth Revision of the International Lists
United States, 1945 and 1955

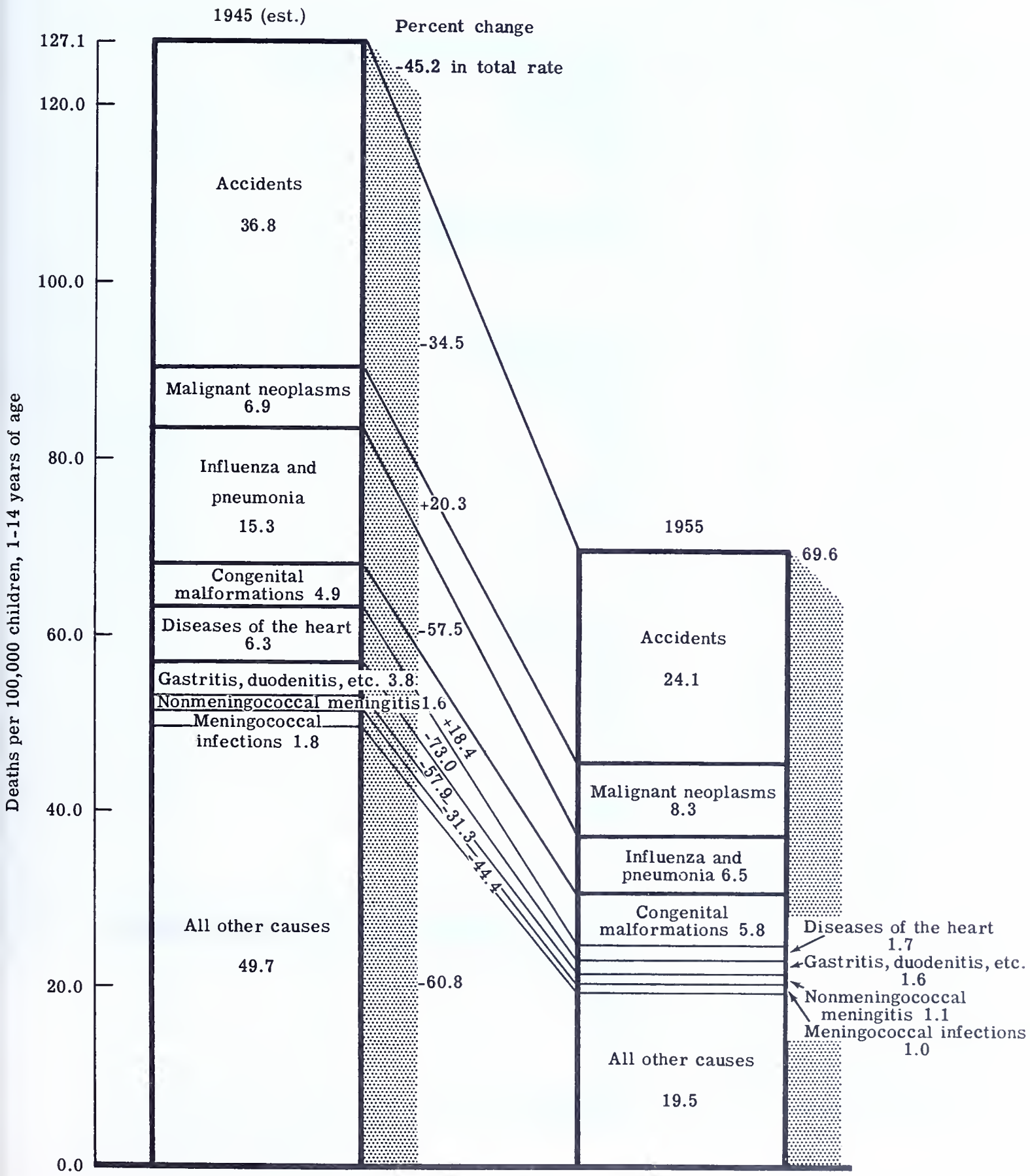


CHART 17 MAIN CAUSES OF MORTALITY DUE TO ACCIDENTS AMONG
CHILDREN UNDER 20, BY AGE UNITED STATES, 1955

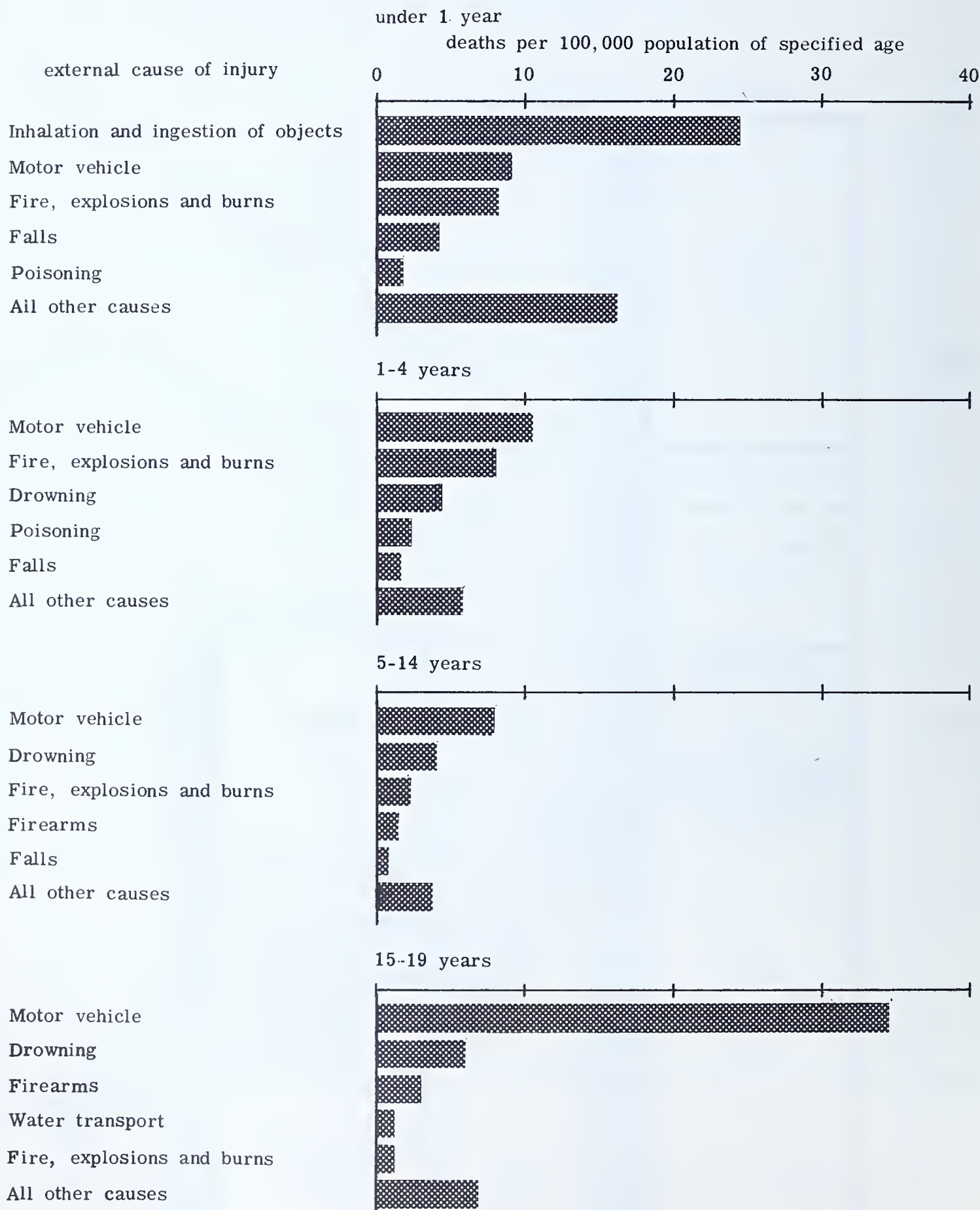


Table 1. BIRTH RATE AND TOTAL NUMBER OF LIVE BIRTHS BY COLOR
UNITED STATES, 1909-55

Rates are per 1,000 estimated mid-year population of all ages, including armed forces overseas. All data are adjusted for underregistration of live births. Data prior to 1933 are adjusted for States not in the Birth Registration Area.

Year	Birth rate			Thousands of live births 1/		
	All races	White	Nonwhite	All races	White	Nonwhite
1955	25.0	23.8	34.7	4,104	3,488	617
1954 2/	25.3	24.1	34.9	4,078	3,475	603
1953 2/	25.0	24.0	34.1	3,965	3,389	575
1952 2/	25.1	24.1	33.6	3,913	3,358	555
1951 2/	24.9	23.9	33.8	3,823	3,277	546
1950	24.1	23.0	33.3	3,632	3,108	524
1949	24.5	23.6	33.0	3,649	3,136	513
1948	24.9	24.0	32.4	3,637	3,141	495
1947	26.6	26.1	31.2	3,817	3,347	469
1946	24.1	23.6	28.4	3,411	2,990	420
1945	20.4	19.7	26.5	2,858	2,471	388
1944	21.2	20.5	27.4	2,939	2,545	394
1943	22.7	22.1	28.3	3,104	2,704	400
1942	22.2	21.5	27.7	2,989	2,605	384
1941	20.3	19.5	27.3	2,703	2,330	374
1940	19.4	18.6	26.7	2,559	2,199	360
1939	18.8	18.0	26.1	2,466	2,117	349
1938	19.2	18.4	26.3	2,496	2,148	348
1937	18.7	17.9	26.0	2,413	2,071	342
1936	18.4	17.6	25.1	2,355	2,027	328
1935	18.7	17.9	25.8	2,377	2,042	334
1934	19.0	18.1	26.3	2,396	2,058	338
1933	18.4	17.6	25.5	2,307	1,982	325
1932	19.5	18.7	26.9	2,440	2,099	341
1931	20.2	19.5	26.6	2,506	2,170	335
1930	21.3	20.6	27.5	2,618	2,274	344
1929	21.2	20.5	27.3	2,582	2,244	339
1928	22.2	21.5	28.5	2,674	2,325	349
1927	23.5	22.7	31.1	2,802	2,425	377
1926	24.2	23.1	33.4	2,839	2,441	398
1925	25.1	24.1	34.2	2,909	2,506	403
1924	26.1	25.1	34.6	2,979	2,577	401
1923	26.0	25.2	33.2	2,910	2,531	380
1922	26.2	25.4	33.2	2,882	2,507	375
1921	28.1	27.3	35.8	3,055	2,657	398
1920	27.7	26.9	35.0	2,950	2,566	383
1919	26.1	25.3	32.4	2,740	2,387	353
1918	28.2	27.6	33.0	2,948	2,588	360
1917	28.5	27.9	32.9	2,944	2,587	357
1916	29.1	28.5	---	2,964	2,599	---
1915	29.5	28.9	---	2,965	2,594	---
1914	29.9	29.3	---	2,966	2,588	---
1913	29.5	28.8	---	2,869	2,497	---
1912	29.8	29.0	---	2,840	2,467	---
1911	29.9	29.1	---	2,809	2,435	---
1910	30.1	29.2	---	2,777	2,401	---
1909	30.0	29.2	---	2,718	2,344	---

1/ Numbers of births are estimates rounded to the nearest thousand without being adjusted to totals, which are independently rounded.

2/ Based on a 50-percent sample.

TABLE 2. PERCENT OF BIRTHS BY ATTENDANT AND COLOR, AND NUMBER OF REGISTERED LIVE BIRTHS BY COLOR: UNITED STATES, 1935-55

Year and color		PERCENT DISTRIBUTION OF BIRTHS			Number of registered live births
		In hospital (physician attendant assumed)	Attended by physician outside hospital	Attended by midwife or other nonmedical attendant	
Total	1955	94.4	2.5	3.1	4,047,295
	1954	93.6	2.9	3.5	4,017,362
	1953	92.8	3.5	3.7	3,902,120
	1952	91.7	4.2	4.1	3,846,986
	1951	90.0	5.5	4.5	3,750,850
	1950	88.0	7.1	4.9	3,554,149
	1949	86.7	8.1	5.1	3,559,529
	1948	85.6	9.1	5.3	3,535,068
	1947	84.8	10.1	5.1	3,699,940
	1946	82.4	12.2	5.4	3,288,672
	1945	78.8	14.7	6.4	2,735,456
	1944	75.6	17.7	6.8	2,794,800
	1943	72.1	21.0	7.0	2,934,860
	1942	67.9	24.7	7.4	2,808,996
	1941	61.2	30.2	8.6	2,513,427
	1940	55.8	35.0	9.3	2,360,399
	1939	51.1	39.1	9.7	2,265,588
	1938	48.0	41.8	10.1	2,286,962
	1937	44.8	44.6	10.6	2,203,337
	1936	40.9	47.3	11.7	2,144,790
	1935	36.9	50.6	12.5	2,155,105
White	1955	97.5	1.7	0.8	3,458,448
	1954	97.0	2.1	0.9	3,443,630
	1953	96.5	2.6	0.9	3,356,772
	1952	95.7	3.2	1.1	3,322,658
	1951	94.4	4.4	1.2	3,237,072
	1950	92.8	5.9	1.3	3,063,627
	1949	91.6	6.9	1.4	3,083,721
	1948	90.4	8.1	1.5	3,080,316
	1947	89.3	9.2	1.5	3,274,620
	1946	87.1	11.2	1.6	2,913,645
	1945	84.3	13.7	2.0	2,395,563
	1944	81.0	16.9	2.1	2,454,700
	1943	77.2	20.6	2.2	2,594,763
	1942	72.7	24.8	2.5	2,486,934
	1941	65.7	31.2	3.1	2,204,903
	1940	59.9	36.5	3.6	2,067,953
	1939	55.0	41.1	3.9	1,982,671
	1938	51.6	44.2	4.2	2,005,955
	1937	48.2	47.3	4.5	1,928,437
	1936	43.9	50.4	5.7	1,881,883
	1935	39.6	54.0	6.4	1,888,012
Nonwhite	1955	76.0	6.8	17.2	588,847
	1954	73.1	7.8	19.1	573,732
	1953	70.3	9.0	20.7	545,348
	1952	66.4	10.6	23.0	524,328
	1951	62.4	12.3	25.4	513,778
	1950	57.9	14.3	27.8	490,522
	1949	55.1	15.9	29.0	475,808
	1948	52.9	16.6	30.6	454,752
	1947	49.7	17.7	32.6	425,320
	1946	45.2	20.0	34.8	375,027
	1945	40.2	21.7	38.1	339,893
	1944	37.0	23.1	39.9	340,100
	1943	33.3	24.0	42.7	340,097
	1942	30.6	24.0	45.3	322,062
	1941	29.0	23.3	47.7	308,524
	1940	26.7	24.1	49.2	292,446
	1939	24.3	24.8	50.9	282,917
	1938	22.7	25.0	52.3	281,007
	1937	21.0	25.5	53.5	274,900
	1936	19.5	25.5	55.0	262,907
	1935	18.2	26.4	55.4	267,093

TABLE 3. NUMBER OF BIRTHS BY COLOR. PERCENT THAT WERE NONWHITE
UNITED STATES, EACH STATE AND TERRITORY, AND SPECIFIED POSSESSIONS, 1955

(By place of residence)

Area	Number of births			Percent that were nonwhite
	Total	White	Nonwhite	
United States <u>1</u> /.....	4,047,295	3,458,448	588,847	14.5
Alabama.....	81,811	49,899	31,912	39.0
Alaska <u>2</u> /.....	7,346	5,407	1,939	26.4
Arizona.....	27,947	23,733	4,214	15.1
Arkansas.....	41,802	28,936	12,866	30.8
California.....	313,366	283,006	30,360	9.7
Colorado.....	40,017	38,598	1,419	3.5
Connecticut.....	52,477	49,884	2,593	4.9
Delaware.....	10,587	8,820	1,767	16.7
District of Columbia.....	20,923	9,456	11,467	54.8
Florida.....	89,334	64,218	25,116	28.1
Georgia.....	100,442	64,360	36,082	35.9
Hawaii <u>2</u> /.....	16,319	4,009	12,310	75.4
Idaho.....	16,986	16,676	310	1.8
Illinois.....	220,621	189,756	30,865	14.0
Indiana.....	108,614	100,690	7,924	7.3
Iowa.....	63,747	62,961	786	1.2
Kansas.....	52,912	50,055	2,857	5.4
Kentucky.....	73,897	67,741	6,156	8.3
Louisiana.....	86,154	51,953	34,201	39.7
Maine.....	22,420	22,269	151	0.7
Maryland.....	67,888	53,281	14,607	21.5
Massachusetts.....	110,263	107,168	3,095	2.8
Michigan.....	196,623	175,135	21,488	10.9
Minnesota.....	81,705	80,375	1,330	1.6
Mississippi.....	63,366	27,675	35,691	56.3
Missouri.....	94,001	82,489	11,512	12.2
Montana.....	17,474	16,458	1,016	5.8
Nebraska.....	34,258	33,073	1,185	3.5
Nevada.....	6,275	5,567	708	11.3
New Hampshire.....	12,482	12,444	38	0.3
New Jersey.....	121,427	107,944	13,483	11.1
New Mexico.....	25,759	23,376	2,383	9.3
New York.....	342,566	306,271	36,295	10.6
North Carolina.....	115,365	77,006	38,359	33.3
North Dakota.....	17,237	16,773	464	2.7
Ohio.....	223,470	201,789	21,681	9.7
Oklahoma.....	50,102	43,969	6,133	12.2
Oregon.....	38,788	37,684	1,104	2.8
Pennsylvania.....	242,752	220,243	22,509	9.3
Puerto Rico <u>2</u> /.....	77,830	59,068	18,762	24.1
Rhode Island.....	17,895	17,391	504	2.8
South Carolina.....	63,583	35,483	28,100	44.2
South Dakota.....	18,634	17,725	909	4.9
Tennessee.....	85,037	67,001	18,036	21.2
Texas.....	239,873	206,078	33,795	14.1
Utah.....	24,891	24,406	485	1.9
Vermont.....	9,345	9,317	28	0.3
Virgin Islands <u>2</u> /.....	913	39	874	95.7
Virginia.....	94,548	70,211	24,337	25.7
Washington.....	62,422	59,568	2,854	4.6
West Virginia.....	44,172	41,596	2,576	5.8
Wisconsin.....	92,427	89,605	2,822	3.1
Wyoming.....	8,610	8,336	274	3.2

1/ Exclusive of Alaska, Hawaii, Puerto Rico and Virgin Islands.

2/ By place of occurrence.

Table 4. PERCENT OF BIRTHS BY ATTENDANT AND COLOR
UNITED STATES, EACH STATE AND TERRITORY, AND SPECIFIED POSSESSIONS, 1955

In Puerto Rico and Virgin Islands, births in hospitals may be attended by midwives or persons other than physicians. For all other areas, it is assumed that births in hospitals are attended by physicians.
(By place of residence)

Area	Total			White			Nonwhite		
	Physician		No medical attendant	Physician		No medical attendant	Physician		No medical attendant
	In hospital	Outside hospital		In hospital	Outside hospital		In hospital	Outside hospital	
United States 1/	94.4	2.5	3.1	97.5	1.7	0.8	76.0	6.8	17.2
Alabama.....	76.0	6.0	18.0	93.9	4.4	1.7	48.1	8.5	43.4
Alaska 2/.....	90.4	0.1	9.5	99.4	0.1	0.5	65.1	0.3	34.6
Arizona.....	95.0	1.7	3.3	96.0	1.7	2.3	89.7	1.3	9.0
Arkansas.....	78.4	9.4	12.2	92.6	5.9	1.5	46.5	17.2	36.3
California.....	98.7	0.9	0.4	98.8	0.9	0.3	98.0	1.4	0.6
Colorado.....	97.7	1.5	0.8	97.6	1.6	0.8	98.5	0.6	0.9
Connecticut.....	99.8	0.2	0.0	99.8	0.2	0.0	99.5	0.4	0.1
Delaware.....	96.5	1.0	2.5	98.9	0.6	0.5	84.9	2.6	12.5
District of Columbia....	98.7	1.1	0.2	99.4	0.5	0.1	98.1	1.6	0.3
Florida.....	89.0	2.9	8.1	98.0	1.1	0.9	65.9	7.4	26.7
Georgia.....	83.1	2.9	14.0	97.8	1.3	0.9	57.1	5.6	37.3
Hawaii 2/.....	98.7	0.4	0.9	99.9	0.1	0.0	98.4	0.4	1.2
Idaho.....	99.0	0.7	0.3	99.0	0.7	0.3	98.4	1.0	0.6
Illinois.....	97.3	2.6	0.1	98.7	1.3	0.0	88.9	10.5	0.6
Indiana.....	97.9	2.0	0.1	98.3	1.6	0.1	93.5	6.3	0.2
Iowa.....	98.9	1.1	0.0	98.9	1.1	0.0	96.9	3.1	0
Kansas.....	99.0	1.0	0.0	99.2	0.8	0.0	95.8	4.0	0.2
Kentucky.....	88.1	8.0	3.9	88.8	7.3	3.9	80.9	15.6	3.5
Louisiana.....	92.9	1.5	5.6	98.7	0.7	0.6	84.1	2.7	13.2
Maine.....	96.7	3.3	0.0	96.6	3.4	0.0	98.7	1.3	0
Maryland.....	96.0	2.1	1.9	98.0	1.5	0.5	88.6	4.4	7.0
Massachusetts.....	99.6	0.4	0.0	99.6	0.4	0.0	98.7	1.3	0
Michigan.....	99.1	0.8	0.1	99.3	0.6	0.1	97.4	2.4	0.2
Minnesota.....	99.1	0.7	0.2	99.2	0.7	0.1	97.5	1.4	1.1
Mississippi.....	61.3	9.4	29.3	95.2	3.8	1.0	34.9	13.8	51.3
Missouri.....	95.1	4.1	0.8	95.8	3.7	0.5	90.1	6.5	3.4
Montana.....	99.0	0.4	0.6	99.2	0.4	0.4	96.6	0.8	2.6
Nebraska.....	99.1	0.8	0.1	99.2	0.8	0	97.6	1.6	0.8
Nevada.....	99.3	0.5	0.2	99.7	0.3	0	96.9	1.8	1.3
New Hampshire.....	99.4	0.6	0	99.4	0.6	0	97.4	2.6	0
New Jersey.....	99.1	0.8	0.1	99.4	0.5	0.1	97.0	2.6	0.4
New Mexico.....	86.8	6.5	6.7	86.8	7.0	6.2	86.5	2.2	11.3
New York.....	98.9	1.0	0.1	99.1	0.8	0.1	97.2	2.6	0.2
North Carolina.....	85.1	6.0	8.9	97.2	2.1	0.7	60.8	13.7	25.5
North Dakota.....	99.1	0.6	0.3	99.2	0.6	0.2	95.9	1.3	2.8
Ohio.....	98.6	1.3	0.1	98.6	1.3	0.1	98.3	1.6	0.1
Oklahoma.....	95.2	3.2	1.6	96.9	2.6	0.5	83.2	7.5	9.3
Oregon.....	99.2	0.5	0.3	99.2	0.5	0.3	97.9	1.5	0.6
Pennsylvania.....	98.1	1.7	0.2	98.2	1.7	0.1	97.6	1.7	0.7
Puerto Rico 2/.....	53.3	1.6	45.1	53.2	1.7	45.1	53.8	1.3	44.9
Rhode Island.....	99.5	0.3	0.2	99.5	0.3	0.2	99.6	0.4	0
South Carolina.....	74.1	7.1	18.8	96.6	2.7	0.7	45.6	12.7	41.7
South Dakota.....	98.6	0.8	0.6	98.8	0.8	0.4	95.2	0.5	4.3
Tennessee.....	90.8	5.3	3.9	94.4	3.9	1.7	77.3	10.2	12.5
Texas.....	89.1	4.2	6.7	90.7	4.0	5.3	79.8	5.6	14.6
Utah.....	98.9	0.6	0.5	99.0	0.6	0.4	90.1	1.2	8.7
Vermont.....	97.9	2.0	0.1	97.9	2.0	0.1	100.0	0	0
Virgin Islands 2/.....	88.1	0.3	11.6	100.0	0	0	87.5	0.4	12.1
Virginia.....	87.0	4.6	8.4	95.6	3.2	1.2	62.2	8.7	29.1
Washington.....	99.4	0.5	0.1	99.4	0.5	0.1	98.1	1.3	0.6
West Virginia.....	90.6	7.3	2.1	91.1	6.9	2.0	81.6	14.1	4.3
Wisconsin.....	99.4	0.5	0.1	99.4	0.5	0.1	97.6	2.2	0.2
Wyoming.....	99.3	0.4	0.3	99.4	0.4	0.2	95.6	1.1	3.3

1/ Exclusive of Alaska, Hawaii, Puerto Rico and Virgin Islands.

2/ By place of occurrence.

TABLE 5. PERINATAL MORTALITY TO THE END OF THE FIRST WEEK, AND TO THE END OF THE FIRST MONTH OF POSTNATAL LIFE: UNITED STATES, 1942-55 ^{1/}

Deaths of live born infants in specified age groups, and deaths before or during birth (fetal deaths) of infants born to mothers pregnant 20 or more weeks, or duration unreported

PERINATAL PERIOD ^{2/} TO END OF SPECIFIED POSTNATAL AGE GROUP

YEAR	First month			First week		
	Total ^{3/}	Before or during birth, ^{4/} (fetal death)	Under 28 days (neonatal death) ^{2/}	Total ^{6/}	Before or during birth, ^{4/} (fetal death)	Under 7 days ^{7/}
Rate per 1,000 infants alive at the beginning of the interval specified						
1955	35.6	16.8	19.1	33.5	16.8	17.0
1954	35.9	17.2	19.1	33.5	17.2	16.8
1953	36.7	17.5	19.6	34.3	17.5	17.1
1952	37.4	18.0	19.8	34.9	18.0	17.3
1951	38.1	18.5	20.0	35.6	18.5	17.5
1950	39.0	18.8	20.5	36.4	18.8	17.8
1949	40.5	19.4	21.4	37.4	19.4	18.3
1948	41.9	20.2	22.2	38.7	20.2	18.9
1947	42.9	20.6	22.8	39.5	20.6	19.3
1946	45.8	22.3	24.0	41.9	22.3	20.1
1945	47.2	23.4	24.3	42.7	23.4	19.7
1944	48.0	23.9	24.7	43.4	23.9	20.0
1943	48.1	23.9	24.7	43.4	23.9	20.0
1942	50.0	25.0	25.7	45.3	25.0	20.9
Number of deaths						
1955	146,504	69,153	77,351	137,807	69,153	68,654
1954	146,833	70,109	76,724	137,462	70,109	67,353
1953	145,725	69,393	76,332	136,177	69,393	66,784
1952	146,700	70,447	76,253	136,827	70,447	66,380
1951	145,761	70,569	75,192	136,082	70,569	65,513
1950	141,117	68,262	72,855	131,679	68,262	63,417
1949	146,910	70,584	76,326	135,758	70,584	65,174
1948	151,264	72,838	78,426	139,631	72,838	66,793
1947	162,213	77,917	84,296	149,202	77,917	71,285
1946	153,928	74,849	79,079	140,897	74,849	66,048
1945	132,106	65,513	66,593	119,505	65,513	53,992
1944	137,370	68,374	68,996	124,144	68,374	55,770
1943	144,505	71,873	72,632	130,453	71,873	58,580
1942	144,139	72,017	72,122	130,597	72,017	58,580

^{1/} In 1955, all States except Rhode Island required reporting of fetal deaths in pregnancies of 20 or more weeks duration (variously worded, as: "after 5 months;" "advanced to 5th month;" "reached 20 weeks;" "after not less than 20 weeks;" "after at least 20 weeks"). Rhode Island required reporting in 1955 at six completed months or more of pregnancy. For reporting requirements in other years, in each State, see "Vital Statistics of the United States," published annually by the National Office of Vital Statistics.

^{2/} For the unborn infant, the beginning of the perinatal period, referred to here, is coincident with or prior to onset of labor (or other termination of pregnancy). For a relatively small number of fetal deaths in pregnancies of 20 or more weeks, gestational age at death can be expected to be somewhat less than 20 weeks.

^{3/} The perinatal mortality rate to the end of the first month of postnatal life is the number of fetal and of neonatal deaths per 1,000 births (live and still).

^{4/} The fetal mortality rate is the number of deaths before or during birth per 1,000 births (live and still).

^{5/} In 1949 and following years, the neonatal period is defined as under 28 days of postnatal life. Prior to 1949, the neonatal period was under 30 days. The neonatal mortality rate is the number of deaths in the neonatal period per 1,000 live births.

^{6/} The perinatal mortality rate to the end of the first week of postnatal life is the number of fetal deaths and of deaths under one week of age per 1,000 births (live and still).

^{7/} The postnatal mortality rate under one week of age is the number of deaths under 7 days of age per 1,000 live births.

Table 6. NEONATAL MORTALITY BY AGE: UNITED STATES, 1942-55

Rates are per 1,000 infants alive at the beginning of the period.

Year	Neonatal ^{1/} (under 1 month)	Under 3 days	Under 1 day	1 day	2 days	3-6 days	7 days- under 1 month
R A T E							
1955	19.1	14.7	10.0	2.9	1.9	2.3	2.2
1954	19.1	14.4	9.6	2.9	2.0	2.3	2.4
1953	19.6	14.6	9.7	3.0	2.0	2.5	2.5
1952	19.8	14.8	9.7	3.0	2.1	2.5	2.6
1951	20.0	14.9	9.8	3.1	2.1	2.6	2.6
1950	20.5	15.3	10.2	3.1	2.1	2.6	2.7
1949	21.4	15.7	10.5	3.2	2.1	2.7	3.2
1948	22.2	16.1	10.7	3.4	2.1	2.8	3.4
1947	22.8	16.3	10.7	3.5	2.2	3.0	3.6
1946	24.0	17.1	11.4	3.5	2.2	3.1	4.0
1945	24.3	16.6	11.2	3.4	2.1	3.1	4.7
1944	24.7	16.8	11.5	3.3	2.1	3.2	4.8
1943	24.7	16.9	11.6	3.3	2.1	3.1	4.9
1942	25.7	17.7	12.3	3.3	2.1	3.2	4.9
NUMBER OF DEATHS							
1955	77,351	59,621	40,480	11,692	7,449	9,033	8,697
1954	76,724	58,074	38,670	11,618	7,786	9,279	9,371
1953	76,332	57,111	37,676	11,552	7,883	9,673	9,548
1952	76,253	56,927	37,412	11,593	7,922	9,453	9,873
1951	75,192	55,947	36,673	11,544	7,730	9,566	9,679
1950	72,855	54,411	36,075	11,081	7,255	9,006	9,438
1949	76,326	55,797	37,259	11,152	7,386	9,377	11,152
1948	78,426	57,032	37,652	11,916	7,464	9,761	11,633
1947	84,296	60,289	39,716	12,683	7,890	10,996	13,011
1946	79,079	56,104	37,603	11,406	7,095	9,944	13,031
1945	66,593	45,535	30,674	9,129	5,732	8,457	12,601
1944	68,996	47,090	32,052	9,219	5,819	8,680	13,226
1943	72,632	49,530	34,014	9,516	6,000	9,050	14,052
1942	72,122	49,758	34,616	9,230	5,912	8,822	13,542

^{1/} In 1949 and following years, neonatal is defined as under 28 days. Prior to 1949, the neonatal period was under 30 days.

Table 7. PERINATAL MORTALITY RATES TO THE END OF THE FIRST MONTH OF POSTNATAL LIFE BY COLOR

UNITED STATES, EACH STATE AND TERRITORY, AND SPECIFIED POSSESSIONS, 1955

Deaths included are of live born infants under 28 days of postnatal life (neonatal), and deaths before or during birth (fetal) of infants born to mothers pregnant 20 or more weeks, or duration unreported. By place of residence.

Area	Total 1/			Fetal 2/			Neonatal 3/		
	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white
United States 4/..	35.6	32.4	54.1	16.8	14.9	27.6	19.1	17.7	27.2
Alabama.....	43.4	34.7	56.9	21.8	16.2	30.4	22.1	18.8	27.3
Alaska 5/	36.1	34.1	41.6	14.8	14.4	15.7	21.6	20.0	26.3
Arizona.....	35.9	33.8	47.5	16.1	14.9	22.7	20.1	19.1	25.4
Arkansas.....	34.2	29.0	45.9	16.7	13.0	25.0	17.8	16.2	21.5
California.....	31.6	30.6	40.6	13.8	13.1	19.9	18.1	17.7	21.2
Colorado.....	41.4	41.4	41.5	19.5	19.5	19.4	22.4	22.4	22.6
Connecticut.....	30.6	29.4	52.7	13.8	13.2	24.5	17.0	16.4	28.9
Delaware.....	34.2	30.2	53.7	17.1	14.1	31.8	17.4	16.3	22.6
District of Columbia.....	45.5	36.3	53.1	20.0	16.3	23.0	26.0	20.3	30.8
Florida.....	39.0	32.6	55.2	18.5	14.7	28.1	20.9	18.2	27.9
Georgia.....	42.1	33.1	57.8	22.6	16.2	33.8	19.9	17.2	24.9
Hawaii 5/	32.1	34.6	31.3	16.3	17.6	15.8	16.1	17.2	15.8
Idaho.....	27.9	27.7	37.9	12.2	12.0	22.1	15.9	15.9	16.1
Illinois.....	32.7	30.4	46.7	15.0	14.2	19.9	17.9	16.4	27.3
Indiana.....	33.5	32.0	52.4	15.1	14.3	25.1	18.7	18.0	28.0
Iowa.....	28.8	28.6	50.0	12.1	12.0	17.5	17.0	16.8	33.1
Kansas.....	32.3	31.2	52.6	14.5	14.0	23.9	18.1	17.4	29.4
Kentucky.....	35.3	33.8	52.3	15.0	14.2	24.6	20.6	19.9	28.4
Louisiana.....	40.4	31.1	54.3	18.8	13.7	26.6	22.0	17.7	28.5
Maine.....	35.6	35.3	77.4	18.3	18.3	25.8	17.5	17.3	53.0
Maryland.....	36.3	31.5	53.4	16.6	14.9	22.7	20.0	16.9	31.4
Massachusetts.....	30.8	30.3	48.4	13.9	13.7	21.5	17.2	16.9	27.5
Michigan.....	34.0	32.0	50.0	15.3	14.5	22.1	19.0	17.8	28.5
Minnesota.....	30.6	30.5	36.9	13.9	13.9	18.5	16.9	16.8	18.8
Mississippi.....	50.1	36.7	60.2	27.9	17.9	35.6	22.8	19.2	25.6
Missouri.....	34.5	31.5	56.2	16.4	14.6	29.3	18.4	17.2	27.6
Montana.....	30.9	30.6	35.8	12.5	12.2	17.4	18.6	18.6	18.7
Nebraska.....	32.0	30.9	62.8	13.7	13.5	20.7	18.5	17.7	43.0
Nevada.....	38.6	38.0	43.1	15.4	15.2	16.7	23.6	23.2	26.8
New Hampshire.....	36.5	36.6	0	17.2	17.2	0	19.7	19.8	0
New Jersey.....	34.6	32.0	54.8	16.6	15.6	24.5	18.3	16.7	31.0
New Mexico.....	39.9	39.2	47.0	16.3	16.1	18.5	24.0	23.5	29.0
New York.....	38.6	35.2	67.2	20.4	18.3	37.7	18.7	17.2	30.7
North Carolina.....	39.2	31.2	55.1	20.1	15.0	30.2	19.5	16.5	25.6
North Dakota.....	32.6	32.1	48.9	13.7	13.7	12.8	19.1	18.7	36.6
Ohio.....	34.6	32.5	54.4	16.2	15.3	24.5	18.7	17.4	30.7
Oklahoma.....	34.4	31.4	55.7	14.6	12.9	26.4	20.1	18.7	30.2
Oregon.....	33.7	33.2	51.1	16.4	16.1	26.5	17.6	17.4	25.4
Pennsylvania.....	36.7	34.3	59.9	17.9	16.9	27.8	19.1	17.7	33.1
Puerto Rico 5/	62.0	6/	6/	37.2	6/	6/	25.7	6/	6/
Rhode Island.....	33.4	33.1	44.6	15.7	15.5	23.3	17.9	17.8	21.8
South Carolina.....	41.2	31.0	53.8	20.6	13.0	30.0	21.1	18.3	24.6
South Dakota.....	33.9	32.6	58.8	16.2	15.6	27.8	18.0	17.3	31.9
Tennessee.....	36.9	33.1	50.8	17.4	15.2	25.8	19.8	18.2	25.7
Texas.....	35.7	33.0	51.5	16.0	14.3	25.9	20.0	19.0	36.3
Utah.....	28.3	28.1	36.4	12.5	12.4	18.2	15.9	15.9	18.6
Vermont.....	37.4	37.5	0	17.7	17.7	0	20.1	20.2	0
Virgin Islands 5/	63.0	6/	6/	41.0	6/	6/	23.0	6/	6/
Virginia.....	40.2	34.3	57.1	19.3	15.4	30.4	21.3	19.2	27.5
Washington.....	30.4	29.7	44.9	13.2	12.7	22.6	17.5	17.2	22.8
West Virginia.....	36.0	36.0	36.1	17.2	17.0	20.9	19.1	19.3	15.5
Wisconsin.....	31.2	30.5	50.6	13.3	13.0	22.9	18.1	17.8	28.3
Wyoming.....	33.3	32.9	43.5	12.4	12.6	7.2	21.1	20.6	36.5

1/ Number of fetal and neonatal deaths per 1,000 births (live and still).

2/ Number of fetal deaths per 1,000 births (live and still).

3/ Number of neonatal deaths per 1,000 live births.

4/ Exclusive of Alaska, Hawaii, Puerto Rico, and Virgin Islands.

5/ By place of occurrence.

6/ Not shown because of lack of uniformity in classification by color in Puerto Rico, and the small number of births to white mothers in Virgin Islands.

Table 8. NUMBER OF PERINATAL DEATHS TO THE END OF THE FIRST MONTH OF POSTNATAL LIFE
BY COLOR: UNITED STATES, EACH STATE AND TERRITORY, AND SPECIFIED POSSESSIONS, 1955

Deaths included are of live born infants under 28 days of postnatal life (neonatal), and deaths before or during birth (fetal) of infants born to mothers pregnant 20 or more weeks, or duration unreported. By place of residence.

Area	Total		Fetal		Neonatal	
	White	Nonwhite	White	Nonwhite	White	Nonwhite
United States ^{1/}	113,751	32,753	52,411	16,742	61,340	16,011
Alabama.....	1,761	1,872	822	1,002	939	870
Alaska ^{2/}	187	82	79	31	108	51
Arizona.....	814	205	360	98	454	107
Arkansas.....	849	606	381	330	468	276
California.....	8,788	1,259	3,766	615	5,022	644
Colorado.....	1,631	60	768	28	863	32
Connecticut.....	1,487	140	668	65	819	75
Delaware.....	270	98	126	58	144	40
District of Columbia.....	349	623	157	270	192	353
Florida.....	2,123	1,426	955	725	1,168	701
Georgia.....	2,163	2,160	1,059	1,263	1,104	897
Hawaii ^{2/}	141	392	72	198	69	194
Idaho.....	467	12	202	7	265	5
Illinois.....	5,854	1,471	2,742	628	3,112	843
Indiana.....	3,266	426	1,456	204	1,810	222
Iowa.....	1,821	40	764	14	1,057	26
Kansas.....	1,582	154	710	70	872	84
Kentucky.....	2,320	330	973	155	1,347	175
Louisiana.....	1,637	1,909	719	935	918	974
Maine.....	800	12	415	4	385	8
Maryland.....	1,706	798	804	340	902	458
Massachusetts.....	3,291	153	1,484	68	1,807	85
Michigan.....	5,684	1,098	2,568	485	3,116	613
Minnesota.....	2,482	50	1,129	25	1,353	25
Mississippi.....	1,035	2,228	503	1,316	532	912
Missouri.....	2,635	666	1,220	348	1,415	318
Montana.....	509	37	203	18	306	19
Nebraska.....	1,035	76	451	25	584	51
Nevada.....	215	31	86	12	129	19
New Hampshire.....	464	-	218	-	246	-
New Jersey.....	3,510	757	1,711	339	1,799	418
New Mexico.....	931	114	382	45	549	69
New York.....	10,978	2,536	5,699	1,420	5,279	1,116
North Carolina.....	2,439	2,178	1,170	1,196	1,269	982
North Dakota.....	546	23	233	6	313	17
Ohio.....	6,652	1,210	3,134	545	3,518	665
Oklahoma.....	1,398	351	575	166	823	185
Oregon.....	1,272	58	618	30	654	28
Pennsylvania.....	7,685	1,387	3,791	643	3,894	744
Puerto Rico ^{2/}	4,126	884	2,320	690	1,806	194
Rhode Island.....	584	23	274	12	310	11
South Carolina.....	1,116	1,559	466	869	650	690
South Dakota.....	587	55	281	26	306	29
Tennessee.....	2,253	941	1,032	478	1,221	463
Texas.....	6,904	1,787	2,996	899	3,908	888
Utah.....	695	18	307	9	388	9
Vermont.....	356	-	168	-	188	-
Virgin Islands ^{2/}	4	56	3	36	1	20
Virginia.....	2,443	1,432	1,097	762	1,346	670
Washington.....	1,792	131	766	66	1,026	65
West Virginia.....	1,522	95	718	55	804	40
Wisconsin.....	2,772	146	1,178	66	1,594	80
Wyoming.....	278	12	106	2	172	10

^{1/} Exclusive of Alaska, Hawaii, Puerto Rico, and Virgin Islands.

^{2/} By place of occurrence.

Table 9. INFANT MORTALITY RATES BY AGE AND COLOR: UNITED STATES, 1915-55

Rates are per 1,000 live births. Data are for States in the Birth Registration Area which was begun in 1915 and has included all States since 1933.

Year	Infant (Under 1 year)			Neonatal ^{1/} (Under 1 month)			Postneonatal (Between 1 month and 1 year)		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
1955	26.4	23.6	42.8	19.1	17.7	27.2	7.3	5.9	15.6
1954	26.6	23.9	42.9	19.1	17.8	27.0	7.5	6.1	15.9
1953	27.8	25.0	44.7	19.6	18.3	27.4	8.2	6.7	17.3
1952	28.4	25.5	47.0	19.8	18.5	28.0	8.6	7.0	19.0
1951	28.4	25.8	44.8	20.0	18.9	27.3	8.4	6.9	17.5
1950	29.2	26.8	44.5	20.5	19.4	27.5	8.7	7.4	17.0
1949	31.3	28.9	47.3	21.4	20.3	28.6	9.9	8.5	18.8
1948	32.0	39.9	46.5	22.2	21.2	29.1	9.8	8.7	17.4
1947	32.2	30.1	48.5	22.8	21.7	31.0	9.4	8.4	17.5
1946	33.8	31.8	49.5	24.0	23.1	31.5	9.8	8.7	17.9
1945	38.3	35.6	57.0	24.3	23.3	32.0	14.0	12.3	25.0
1944	39.8	36.9	60.3	24.7	23.6	32.5	15.1	13.3	27.8
1943	40.4	37.5	62.5	24.7	23.7	32.9	15.7	13.8	29.6
1942	40.4	37.3	64.6	25.7	24.5	34.6	14.7	12.8	30.0
1941	45.3	41.2	74.8	27.7	26.1	39.0	17.6	15.1	35.8
1940	47.0	43.2	73.8	28.8	27.2	39.7	18.2	16.0	34.1
1939	48.0	44.3	74.2	29.3	27.8	39.6	18.7	16.5	34.6
1938	51.0	47.1	79.1	29.6	28.3	39.1	21.4	18.8	40.0
1937	54.4	50.3	83.2	31.3	29.7	42.1	23.1	20.6	41.1
1936	57.1	52.9	87.6	32.6	31.0	43.9	24.5	21.9	43.7
1935	55.7	51.9	83.2	32.4	31.0	42.7	23.3	20.9	40.5
1934	60.1	54.5	94.4	34.1	32.3	45.3	26.0	22.2	49.1
1933	58.1	52.8	91.3	34.0	32.1	45.8	24.1	20.7	45.5
1932	57.6	53.3	86.2	33.5	32.0	43.7	24.1	21.3	42.5
1931	61.6	57.4	93.1	34.6	33.2	45.2	27.0	24.2	47.9
1930	64.6	60.1	99.9	35.7	34.2	47.4	28.9	25.9	52.5
1929	67.6	63.2	102.2	36.9	35.6	47.3	30.7	27.6	54.9
1928	68.7	64.0	106.2	37.2	35.7	48.8	31.5	28.3	57.4
1927	64.6	60.6	100.1	36.1	35.0	46.1	28.5	25.6	54.0
1926	73.3	70.0	111.8	37.9	37.1	48.0	35.4	32.9	63.8
1925	71.7	68.3	110.8	37.8	36.8	49.5	33.9	31.5	61.3
1924	70.8	66.8	112.9	38.6	37.4	51.2	32.2	29.4	61.7
1923	77.1	73.5	117.4	39.5	38.6	49.9	37.6	34.9	67.5
1922	76.2	73.2	110.0	39.7	38.8	49.9	36.5	34.4	60.1
1921	75.6	72.5	108.5	39.7	38.7	50.3	35.9	33.8	58.2
1920	85.8	82.1	131.7	41.5	40.4	55.0	44.3	41.7	76.7
1919	86.6	83.0	130.5	41.5	40.3	55.2	45.1	42.7	75.3
1918	100.9	97.4	161.2	44.2	43.3	60.5	56.7	54.1	100.7
1917	93.8	90.5	150.7	43.4	42.6	58.0	50.4	47.9	92.7
1916	101.0	99.0	184.9	44.1	43.5	68.9	56.9	55.5	116.0
1915	99.9	98.6	181.2	44.4	---	---	55.5	---	---

^{1/} In 1949 and following years, neonatal is defined as under 28 days. Prior to 1949, the neonatal period was under 30 days.

Table 10. - INFANT MORTALITY RATES FOR MAIN CAUSES: UNITED STATES, 1945 AND 1955

Rates are in terms of the Sixth Revision of the International Lists.

Main causes by Sixth Revision	Category numbers		Provisional comparability ratio $\frac{1}{1}$	Rate per 1,000 live births		Percent change 1945-55
	6th Revision	5th Revision		1945 (est.)	1955	
All causes.....	...	...	...	38.3	26.4	-31.1
Certain diseases of early infancy, total.....	760-76	158-61	1.05	19.6	15.8	-19.4
Immaturity unqualified...	776	159 pt.	.62	7.2	5.3	-26.4
Postnatal asphyxia and atelectasis.....	762	...	...	4.0	4.4	+10.0
With immaturity.....	.5	159 pt.	.22	...	3.0	...
Without immaturity...	.0	161A	1.01	...	1.4	...
Birth injuries.....	760-1	160	.95	3.4	2.9	-14.7
With immaturity	.5	...	...	...	1.6	...
Without immaturity...	.0	...	...	...	1.3	...
Other conditions of early infancy.....	763-75	...	...	5.0	3.2	-36.0
With immaturity.....	.5	...	...	...	1.7	...
Without immaturity...	.0	...	...	...	1.5	...
Congenital malformations.....	750-9	157	.95	4.7	3.8	-19.2
Influenza and pneumonia, except pneumonia of newborn	480-93	33,107-9 pt.	.93	4.1	2.1	-48.8
Gastritis, duodenitis, enteritis, and colitis, ex- cept diarrhea of newborn...	543, 571-2	119 pt.	.88	2.2	0.8	-63.6
All other causes.....	...	...	...	7.7	3.9	-49.4

1/ Ratios used to estimate Sixth Revision equivalents for 1945, from actual rates in 1945, according to the Fifth Revision. Ratios are based on 10 percent sample of 1949 and 1950 deaths under 1 year.

Table 11. INFANT MORTALITY RATES BY AGE FOR MAIN CAUSES
UNITED STATES, 1955

Rates are per 1,000 live births. Numbers after names of causes are category numbers of the Sixth Revision of the International Lists. Exclusive of fetal deaths.

Cause of death	Infant (Under 1 year)	Neonatal (Under 28 days)	Postneonatal (28 days to 1 year)
All causes.....	26.4	19.1	7.3
Certain diseases of early infancy.....760-76	15.8	15.4	0.4
With immaturity (.5).....	11.6	11.4	0.2
Without mention of immaturity (.0).....	4.2	4.0	0.2
Immaturity unqualified.....776	5.3	5.2	0.1
Postnatal asphyxia and atelectasis.....762	4.4	4.3	0.1
With immaturity (.5).....	3.0	3.0	0.0
Without mention of immaturity (.0).....	1.4	1.3	0.1
Birth injuries.....760-1	2.9	2.9	0.0
With immaturity (.5).....	1.6	1.6	0.0
Without mention of immaturity (.0).....	1.3	1.3	0.0
Pneumonia of newborn.....763	0.8	0.8	...
With immaturity (.5).....	0.3	0.3	...
Without mention of immaturity (.0).....	0.5	0.5	...
Hemolytic disease of newborn (erythroblastosis).....770	0.6	0.6	0.0
With immaturity (.5).....	0.1	0.1	0.0
Without mention of immaturity (.0).....	0.5	0.5	0.0
Hemorrhagic disease of newborn.....771	0.2	0.2	0.0
With immaturity (.5).....	0.1	0.1	0.0
Without mention of immaturity (.5).....	0.1	0.1	0.0
Diarrhea of newborn.....764	0.1	0.1	0.0
With immaturity (.5).....	0.0	0.0	0.0
Without mention of immaturity (.0).....	0.1	0.1	0.0
Neonatal disorders arising from maternal toxemia.....769	0.1	0.1	0.0
With immaturity (.5).....	0.1	0.1	0
Without mention of immaturity (.0)	0.0	0.0	0.0
Other and ill-defined diseases peculiar to early infancy, including nutritional maladjustment.....765-8, 772-4	1.4	1.2	0.2
With immaturity (.5).....	1.1	1.0	0.1
Without mention of immaturity (.0).....	0.3	0.2	0.1
Congenital malformations.....750-9	3.8	2.4	1.4
Influenza and pneumonia (exc. pneumonia of newborn).....480-93	2.1	0.1	2.0
All other diseases of respiratory system.....470-5, 500-27	0.7	0.3	0.4
Gastritis, duodenitis, enteritis, and colitis (exc. diarrhea of newborn)..543, 571-2	0.8	0.0	0.8
All infective and parasitic diseases....001-138	0.5	0.1	0.4
Accidental mechanical suffocation in bed or cradle.....E924	0.2	0.0	0.2
All other accidental causes...E800-923, E925-62	0.6	0.1	0.5
Other specified conditions.....Residual	1.2	0.4	0.8
Symptoms and ill-defined conditions.....780-95	0.7	0.3	0.4

Table 12. INFANT DEATHS AND MORTALITY RATES BY COLOR

UNITED STATES, EACH STATE AND TERRITORY, AND SPECIFIED POSSESSIONS, 1955

(By place of residence)

Area	Number of infant deaths			Rate per 1,000 live births		
	Total	White	Nonwhite	Total	White	Nonwhite
United States 1/...	106,903	81,682	25,221	26.4	23.6	42.8
Alabama.....	2,616	1,241	1,375	32.0	24.9	43.1
Alaska 2/.....	275	140	135	37.4	25.9	69.6
Arizona.....	972	689	283	34.8	29.0	67.2
Arkansas.....	1,157	665	492	27.7	23.0	38.2
California.....	7,395	6,527	868	23.6	23.1	28.6
Colorado.....	1,212	1,161	51	30.3	30.1	35.9
Connecticut.....	1,140	1,033	107	21.7	20.7	41.3
Delaware.....	265	193	72	25.0	21.9	40.7
District of Columbia....	673	224	449	32.2	23.7	39.2
Florida.....	2,652	1,476	1,176	29.7	23.0	46.8
Georgia.....	3,002	1,475	1,527	29.9	22.9	42.3
Hawaii 2/.....	336	86	250	20.6	21.5	20.3
Idaho.....	354	346	8	20.8	20.7	25.8
Illinois.....	5,466	4,165	1,301	24.8	21.9	42.2
Indiana.....	2,715	2,402	313	25.0	23.9	39.5
Iowa.....	1,407	1,370	37	22.1	21.8	47.1
Kansas.....	1,235	1,118	117	23.3	22.3	41.0
Kentucky.....	2,249	1,957	292	30.4	28.9	47.4
Louisiana.....	2,723	1,179	1,544	31.6	22.7	45.1
Maine.....	553	540	13	24.7	24.2	86.1
Maryland.....	1,873	1,191	682	27.6	22.4	46.7
Massachusetts.....	2,413	2,298	115	21.9	21.4	37.2
Michigan.....	4,894	4,067	827	24.9	23.2	38.5
Minnesota.....	1,782	1,724	58	21.8	21.4	43.6
Mississippi.....	2,346	690	1,656	37.0	24.9	46.4
Missouri.....	2,381	1,910	471	25.3	23.2	40.9
Montana.....	437	392	45	25.0	23.8	44.3
Nebraska.....	813	738	75	23.7	22.3	63.3
Nevada.....	188	157	31	30.0	28.2	43.8
New Hampshire.....	321	321	-	25.7	25.8	0
New Jersey.....	2,954	2,332	622	24.3	21.6	46.1
New Mexico.....	1,108	900	208	43.0	38.5	87.3
New York.....	8,340	6,865	1,475	24.3	22.4	40.6
North Carolina.....	3,500	1,742	1,758	30.3	22.6	45.8
North Dakota.....	433	402	31	25.1	24.0	66.8
Ohio.....	5,549	4,666	883	24.8	23.1	40.7
Oklahoma.....	1,339	1,058	281	26.7	24.1	45.8
Oregon.....	936	887	49	24.1	23.5	44.4
Pennsylvania.....	5,960	5,002	958	24.6	22.7	42.6
Puerto Rico 2/.....	4,343	3,836	507	55.8	3/	3/
Rhode Island.....	419	403	16	23.4	23.2	31.7
South Carolina.....	2,170	895	1,275	34.1	25.2	45.4
South Dakota.....	487	409	78	26.1	23.1	85.8
Tennessee.....	2,485	1,737	748	29.2	25.9	41.5
Texas.....	7,278	5,833	1,445	30.3	28.3	42.8
Utah.....	509	489	20	20.4	20.0	41.2
Vermont.....	244	243	1	26.1	25.1	35.7
Virgin Islands 2/.....	41	1	40	44.9	3/	3/
Virginia.....	2,786	1,745	1,041	29.5	24.9	42.8
Washington.....	1,531	1,391	140	24.5	23.4	49.1
West Virginia.....	1,206	1,143	63	27.3	27.5	24.5
Wisconsin.....	2,190	2,070	120	23.7	23.1	42.5
Wyoming.....	245	221	24	28.5	26.5	87.6

1/ Exclusive of Alaska, Hawaii, Puerto Rico, and Virgin Islands.

2/ By place of occurrence.

3/ Not shown because of lack of uniformity in classification by color in Puerto Rico, and the small number of births to white mothers in Virgin Islands.

Table 13. MATERNAL MORTALITY RATES BY COLOR: UNITED STATES, 1915-55

Data are for States in the Birth Registration Area, which was begun in 1915 and has included all States since 1933.

Year	Rate per 10,000 live births ^{1/}		
	Total	White	Nonwhite
1955	4.7	3.3	13.0
1954	5.2	3.7	14.4
1953	6.1	4.4	16.6
1952	6.8	4.9	18.8
1951	7.5	5.5	20.1
1950	8.3	6.1	22.2
1949	9.0	6.8	23.5
1948	11.7	8.9	30.1
1947	13.5	10.9	33.5
1946	15.7	13.1	35.9
1945	20.7	17.2	45.5
1944	22.8	18.9	50.6
1943	24.5	21.1	51.0
1942	25.9	22.2	54.4
1941	31.7	26.6	67.8
1940	37.6	32.0	77.3
1939	40.4	35.3	76.2
1938	43.5	37.7	84.9
1937	48.9	43.6	85.8
1936	56.8	51.2	97.2
1935	58.2	53.1	94.6
1934	59.3	54.4	89.7
1933	61.9	56.4	96.7
1932	63.3	58.1	97.6
1931	66.1	60.1	111.4
1930	67.3	60.9	117.4
1929	69.5	63.1	119.9
1928	69.2	62.7	121.0
1927	64.7	59.4	113.3
1926	65.6	61.9	107.1
1925	64.7	60.3	116.2
1924	65.6	60.7	117.9
1923	66.5	62.6	109.5
1922	66.4	62.8	106.8
1921	68.2	64.4	107.7
1920	79.9	76.0	128.1
1919	73.7	69.6	124.4
1918	91.6	88.9	139.3
1917	66.2	63.2	117.7
1916	62.2	60.8	117.9
1915	60.8	60.1	105.6

^{1/} Maternal deaths occurring in 1949-55 were classified by the Sixth Revision of the International Lists. If the data had been classified by the procedures used for 1948 and earlier years, the 1949-55 rates would have been approximately 10% higher.

Table 14. MATERNAL MORTALITY RATES FOR MAIN CAUSES: UNITED STATES, 1945 AND 1955

Rates are in terms of the Sixth Revision of the International Lists.

Main causes by Sixth Revision	Category numbers		Provisional comparability ratio $\frac{1}{2}$	Rate per 10,000 live births		Percent change 1945-55
	6th Revision	5th Revision		1945 (est.)	1955	
All maternal causes....	640-89	140-50	.91	18.8	4.7	-75.0
Toxemias (except abortion with toxemia).....	642, 685-6	144, 148	1.05	5.1	1.3	-74.5
Hemorrhage.....	643-4, 670-2	143, 146	.87	3.0	0.9	-70.0
Abortion (including abortion with toxemia or sepsis)....	650-2	140-1	.87	2.8	0.7	-75.0
Sepsis (except abortion with sepsis).....	640-1, 681-2, 684	145A, 147	.72	3.5	0.5	-85.7
Ectopic pregnancy.....	645	142	1.00	1.2	0.4	-66.7
Other causes.....	646-8, 660, 673-8, 680, 683, 687-9	145B, 149-50	...	3.2	0.9	-71.9

$\frac{1}{2}$ Ratios used to estimate Sixth Revision equivalents for 1945, from actual rates in 1945, according to the Fifth Revision. Ratios for all maternal causes and for abortion are based on 10 percent sample of 1949 and 1950 deaths; other ratios are based on 10 percent sample of 1949 deaths.

Table 15. MATERNAL DEATHS AND AVERAGE MORTALITY RATES BY COLOR
UNITED STATES, EACH STATE AND TERRITORY, AND SPECIFIED POSSESSIONS, 1954-55
(By place of residence)

Area	Number of maternal deaths			Average rate per 10,000 live births		
	Total	White	Nonwhite	Total	White	Nonwhite
United States 1/...	4,006	2,114	1,592	5.0	3.5	13.7
Alabama.....	194	68	126	11.8	6.8	19.8
Alaska 2/.....	5	2	3	3.5	1.9	8.0
Arizona.....	24	15	9	4.4	3.2	10.9
Arkansas.....	63	21	42	7.4	3.6	16.1
California.....	224	177	47	3.6	3.2	8.0
Colorado.....	32	29	3	4.1	3.8	11.2
Connecticut.....	29	23	6	2.8	2.3	12.0
Delaware.....	9	7	2	4.4	4.2	5.7
District of Columbia....	22	6	16	5.2	3.1	7.1
Florida.....	110	40	70	6.3	3.2	14.5
Georgia.....	203	70	133	10.1	5.4	18.4
Hawaii 2/.....	16	4	12	4.9	5.2	4.8
Idaho.....	15	15	-	4.4	4.5	0
Illinois.....	148	96	52	3.4	2.5	8.7
Indiana.....	74	64	10	3.4	3.2	6.4
Iowa.....	49	45	4	3.9	3.6	27.4
Kansas.....	54	43	11	5.1	4.3	19.8
Kentucky.....	94	79	15	6.3	5.8	12.4
Louisiana.....	115	28	87	6.7	2.7	12.7
Maine.....	15	15	-	3.3	3.4	0
Maryland.....	62	31	31	4.6	2.9	10.8
Massachusetts.....	58	56	2	2.7	2.6	3.3
Michigan.....	150	103	47	3.9	3.0	11.1
Minnesota.....	58	58	-	3.6	3.6	0
Mississippi.....	181	24	157	14.1	4.2	22.0
Missouri.....	97	75	22	5.2	4.5	9.7
Montana.....	8	8	-	2.3	2.4	0
Nebraska.....	29	29	-	4.3	4.4	0
Nevada.....	7	4	3	5.8	3.7	22.6
New Hampshire.....	10	10	-	4.0	4.1	0
New Jersey.....	111	83	28	4.6	3.9	10.8
New Mexico.....	43	30	13	8.4	6.4	27.3
New York.....	281	191	90	4.1	3.1	12.8
North Carolina.....	178	51	127	7.7	3.3	16.6
North Dakota.....	11	11	-	3.2	3.3	0
Ohio.....	174	140	34	3.9	3.5	7.9
Oklahoma.....	57	29	28	5.6	3.3	22.8
Oregon.....	15	15	-	1.9	2.0	0
Pennsylvania.....	197	152	45	4.0	3.4	10.2
Puerto Rico 2/.....	194	165	29	12.5	3/	3/
Rhode Island.....	13	11	2	3.6	3.1	20.1
South Carolina.....	133	21	112	10.3	2.9	19.8
South Dakota.....	12	11	1	3.3	3.1	5.4
Tennessee.....	104	69	35	6.1	5.1	9.7
Texas.....	268	174	94	5.6	4.2	14.1
Utah.....	12	12	-	2.5	2.5	0
Vermont.....	3	3	-	1.6	1.6	0
Virgin Islands 2/.....	2	-	2	16.7	3/	3/
Virginia.....	116	44	72	6.1	3.1	14.8
Washington.....	40	32	8	3.2	2.7	14.5
West Virginia.....	40	35	5	4.4	4.1	9.4
Wisconsin.....	59	57	2	3.2	3.2	3.7
Wyoming.....	5	4	1	2.8	2.4	18.7

1/ Exclusive of Alaska, Hawaii, Puerto Rico, and Virgin Islands.

2/ By place of occurrence.

3/ Not shown because of lack of uniformity in classification by color in Puerto Rico, and the small number of births to white mothers in Virgin Islands.

Table 16. CHILDHOOD MORTALITY RATES BY AGE: UNITED STATES, 1900-55

Rates are deaths per 10,000 children of specified ages. Data are for States in the Death Registration Area, which was begun in 1900 and has included all States since 1933.

Year	1-14 years	1-4 years	5-14 years	Year	1-14 years	1-4 years	5-14 years
1955 ^{1/}	7.0	11.4	4.8				
1954	7.3	11.8	5.0	1924	34.4	68.3	20.1
1953	8.0	13.0	5.5	1923	39.1	80.7	21.5
1952	8.7	14.1	5.9	1922	37.1	74.2	21.4
1951	8.7	13.7	5.9	1921	41.1	80.1	24.7
1950	8.8	13.9	6.0	1920	47.9	98.7	26.4
1949	9.5	15.0	6.6	1919	46.7	92.8	26.9
1948	9.9	16.0	6.8	1918	76.5	157.4	41.3
1947	10.0	16.1	7.1	1917	50.3	106.6	25.6
1946	11.5	18.2	8.2	1916	51.1	111.2	24.5
1945	12.7	20.3	9.0	1915	44.3	92.4	23.0
1944	13.8	23.3	9.4	1914	49.7	104.2	25.4
1943	14.5	25.6	9.7	1913	55.9	120.8	27.0
1942	13.5	24.3	9.1	1912	51.4	110.9	24.8
1941	15.0	28.0	9.9	1911	55.5	119.5	27.0
1940	15.5	28.9	10.4	1910	63.3	139.7	29.4
1939	16.6	31.8	10.9	1909	60.9	134.9	28.2
1938	19.0	38.4	12.1	1908	63.8	139.7	30.3
1937	20.9	41.9	13.5	1907	67.1	146.8	31.7
1936	22.3	44.0	14.8	1906	71.0	158.0	32.7
1935	22.7	44.1	15.3	1905	69.3	149.9	34.0
1934	24.6	50.8	15.3	1904	73.9	159.2	36.7
1933	23.5	47.3	15.0	1903	70.7	154.2	34.4
1932	23.6	46.2	15.4	1902	73.1	165.6	33.1
1931	26.3	52.7	16.6	1901	75.8	169.5	35.4
1930	27.8	56.4	17.2	1900	86.6	198.4	38.6
1929	31.0	62.6	18.7				
1928	32.4	64.8	19.4				
1927	30.4	59.1	18.9				
1926	34.8	72.3	19.3				
1925	32.8	64.1	19.7				

^{1/}In 1955 the rate for white children of ages 1-14 years was 6.4 and the corresponding rate for nonwhite children was 11.0. For ages 1-4 the white and nonwhite rates were 10.9 and 19.7, while for ages 5-14 the white and nonwhite rates were 4.6 and 6.5, respectively.

Table 17. CHILDHOOD MORTALITY RATES FOR MAIN CAUSES: UNITED STATES, 1945 AND 1955

Rates are in terms of the Sixth Revision of the International Lists.

Main causes by Sixth Revision	Category numbers		Provisional comparability ratio 1/ 1945	Rate per 100,000 children 1-14 years of age		Percent change 1945-55
	6th Revision	5th Revision		1945 (est.)	1955	
All causes.....	...	...	...	127.1	69.6	-45.2
Accidents.....	E800-962	169-95	1.00	36.8	24.1	-34.5
Motor-vehicle accidents.....	E810-35	170	1.00	11.1	8.7	-21.6
Other accidents.....	E800-2, E840-962	169, 171-95	1.00	25.7	15.4	-40.1
Malignant neoplasms.....	140-205	45-55, 74	1.00	6.9	8.3	+20.3
Leukemias.....	204	74	1.00	3.2	3.7	+15.6
Other malignant neoplasms...	140-203, 205	45-55	1.00	3.7	4.6	+24.3
Influenza and pneumonia.....	480-93	33, 107-9	0.89	15.3	6.5	-57.5
Congenital malformations.....	750-9	157	0.92	4.9	5.8	+18.4
Diseases of the heart and rheumatic fever.....	400-2, 410-43	58, 90-5	...	6.3	1.7	-73.0
Diseases of the heart.....	410-43	90-5	0.77	3.8	1.0	-73.7
Rheumatic fever.....	400-2	58	1.60	2.5	0.7	-72.0
Gastritis, duodenitis, enteritis, colitis.....	543, 571, 572	119, 120	1.00	3.8	1.6	-57.9
Nonmeningococcal meningitis...	340	81	1.00	1.6	1.1	-31.3
Meningococcal infections.....	057	6	1.00	1.8	1.0	-44.4
All other causes.....	...	...	...	49.7	19.5	-60.8

1/ Ratios used to estimate Sixth Revision equivalents for 1945, from actual rates in 1945, according to the Fifth Revision. They are based on 10 percent samples of deaths as follows: influenza and pneumonia, 1950 deaths at all ages; congenital malformations, 1949 deaths at ages 1-14 years; diseases of the heart and rheumatic fever, 1951 deaths at ages 1-14 years; other causes listed, except nonmeningococcal meningitis, 1949 and 1950 deaths at all ages. Values between 0.97 and 1.03 have been rounded to 1.00. For nonmeningococcal meningitis, the ratio is unknown and assumed here to be 1.00.

Table 18. MAIN CAUSES OF MORTALITY DUE TO ACCIDENTS AMONG CHILDREN
UNDER 20 YEARS BY AGE: UNITED STATES, 1955

Cause of accident	Rate per 100,000 population of specified age			
	Under 1 year <u>1</u> /	1-4 years	5-14 years	15-19 years
All causes..... E800-E962	63.8	32.6	20.0	52.7
Motor vehicle..... E810-E835	9.1	10.5	7.9	34.5
Water transport..... E850-E858	...	...	...	1.2
Poisoning..... E870-E895	1.7	2.3	...	...
Falls..... E900-E904	4.2	1.6	0.6	...
Fire, explosions and burns..... E916-E918	8.2	8.0	2.2	1.2
Firearms..... E919	...	...	1.5	3.0
Inhalation and ingestion of objects... E921, E922	24.4	...	...	...
Drowning..... E929	...	4.3	4.1	6.0
All other.....	16.2	5.9	3.7	6.8

1/ Excludes 1,002 deaths from accidental mechanical suffocation in bed or cradle E924.

REFERENCES

- National Office of Vital Statistics, U. S. Department of Health, Education, and Welfare: Vital Statistics of the United States, 1955, Vol. 1. Washington, D. C., U. S. Government Printing Office, 1957. 366 pp.
- National Office of Vital Statistics, U. S. Department of Health, Education, and Welfare: National Summaries: Natality, United States and Each State, and Alaska, Hawaii, Puerto Rico, and the Virgin Islands (U. S.), 1955, Vol. 46, No. 15, September 5, 1957, 387-407.
- National Office of Vital Statistics, U. S. Department of Health, Education, and Welfare: National Summaries: Fetal Deaths, United States and Each State, and Alaska, Hawaii, Puerto Rico, and the Virgin Islands (U. S.), 1955, Vol. 46, No. 16, September 18, 1957, 411-434.
- National Office of Vital Statistics, U. S. Department of Health, Education, and Welfare: National Summaries: Mortality From Selected Causes, by Age, Race, and Sex: United States, 1955, Vol. 46, No. 5, May 6, 1957, 111-159.
- National Office of Vital Statistics, U. S. Department of Health, Education, and Welfare: National Summaries: Infant Mortality, United States and Each State, and Alaska, Hawaii, Puerto Rico, and the Virgin Islands (U. S.), 1955, Vol. 46, No. 14, August 22, 1957, 365-384.
- National Office of Vital Statistics, U. S. Department of Health, Education, and Welfare: National Summaries: Maternal Mortality, United States and Each State, and Alaska, Hawaii, Puerto Rico, and the Virgin Islands (U. S.), 1955, Vol. 46, No. 17, September 23, 1957, 436-449.
- National Office of Vital Statistics, U. S. Department of Health, Education, and Welfare: Selected Studies: Mortality in the Age Group 1 to 4 years, United States, 1900-1950, Vol. 45, No. 2, August 16, 1956, 17-28.

National Office of Vital Statistics, U. S. Department of Health,
Education, and Welfare: Selected Studies: Mortality in the
Age Group 5 to 14 Years, United States, 1900-1950, Vol. 45, No. 3,
August 24, 1956, 29-40.

National Office of Vital Statistics, U. S. Department of Health,
Education, and Welfare: National Summaries: Accident Fatalities:
United States and Each State, 1955, Vol. 46, No. 10, July 19, 1957,
273-301.